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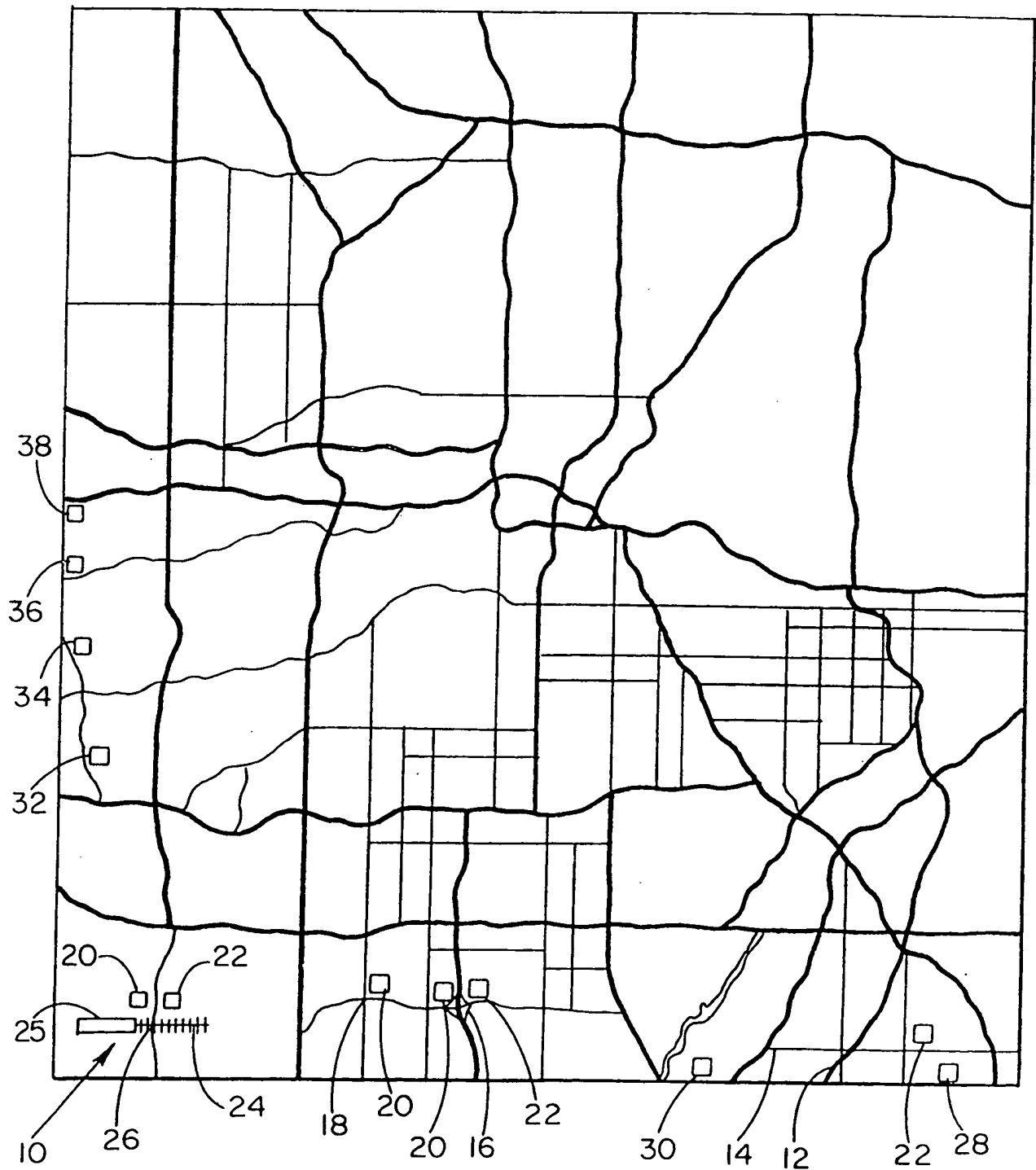
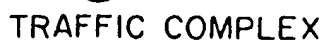


Fig.-2

COMMUNICATION IN TRAFFIC COMPLEX

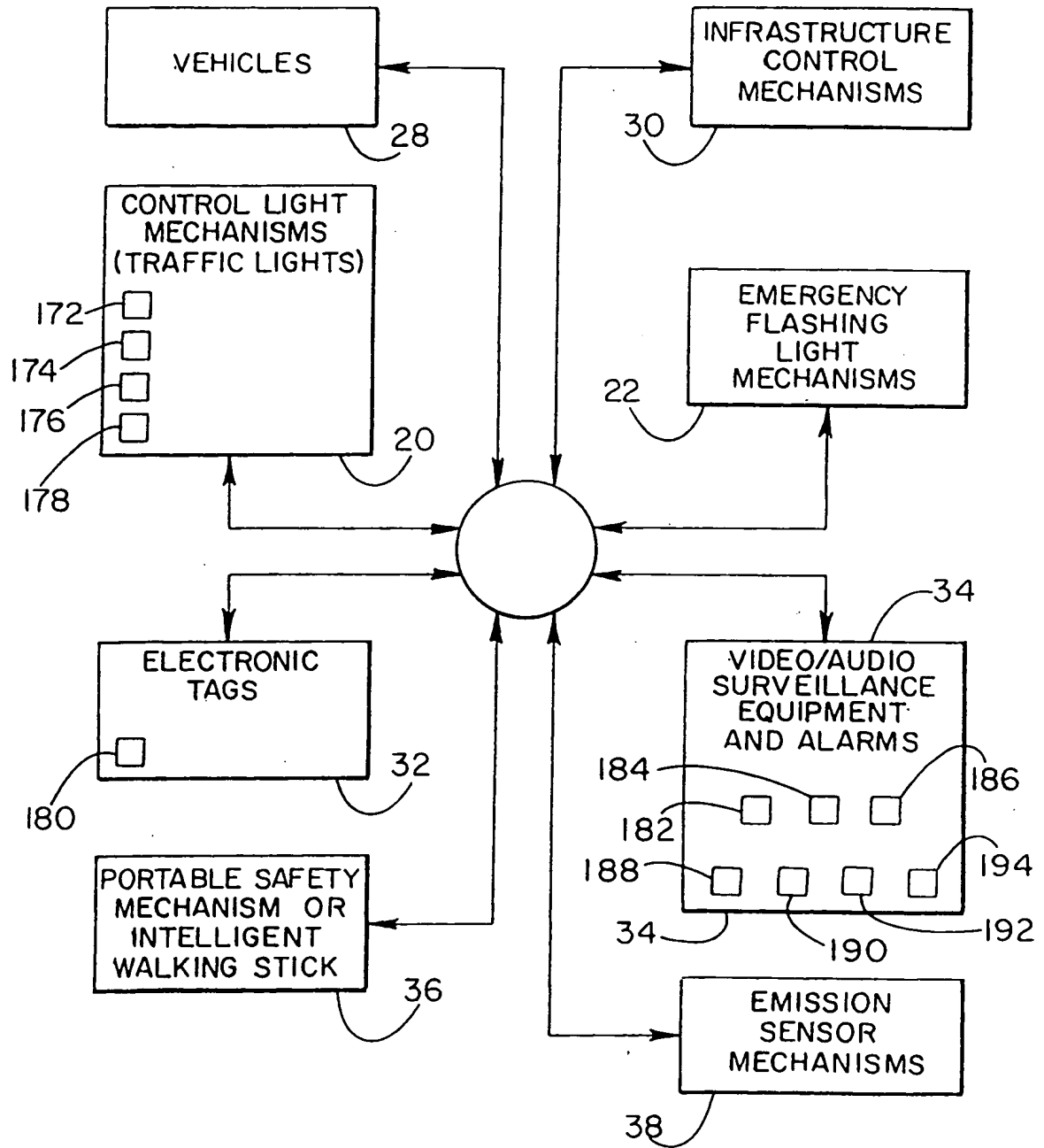


Fig. - 3A

VEHICLE

(AUTOMOBILE, TRUCK, BUS, EMERGENCY VEHICLE,
RIGHT-OF-WAY VEHICLES)

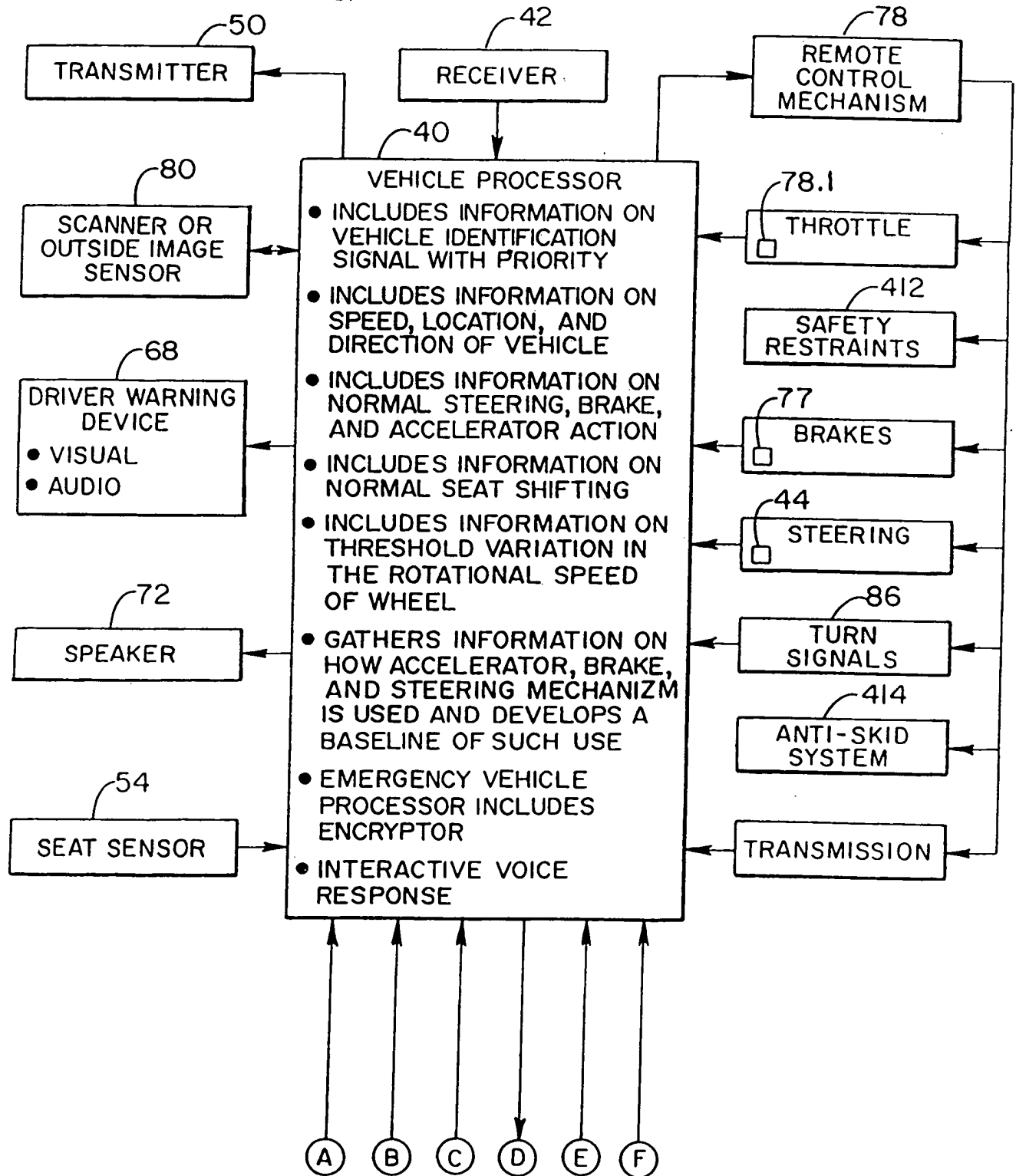


Fig. -3B

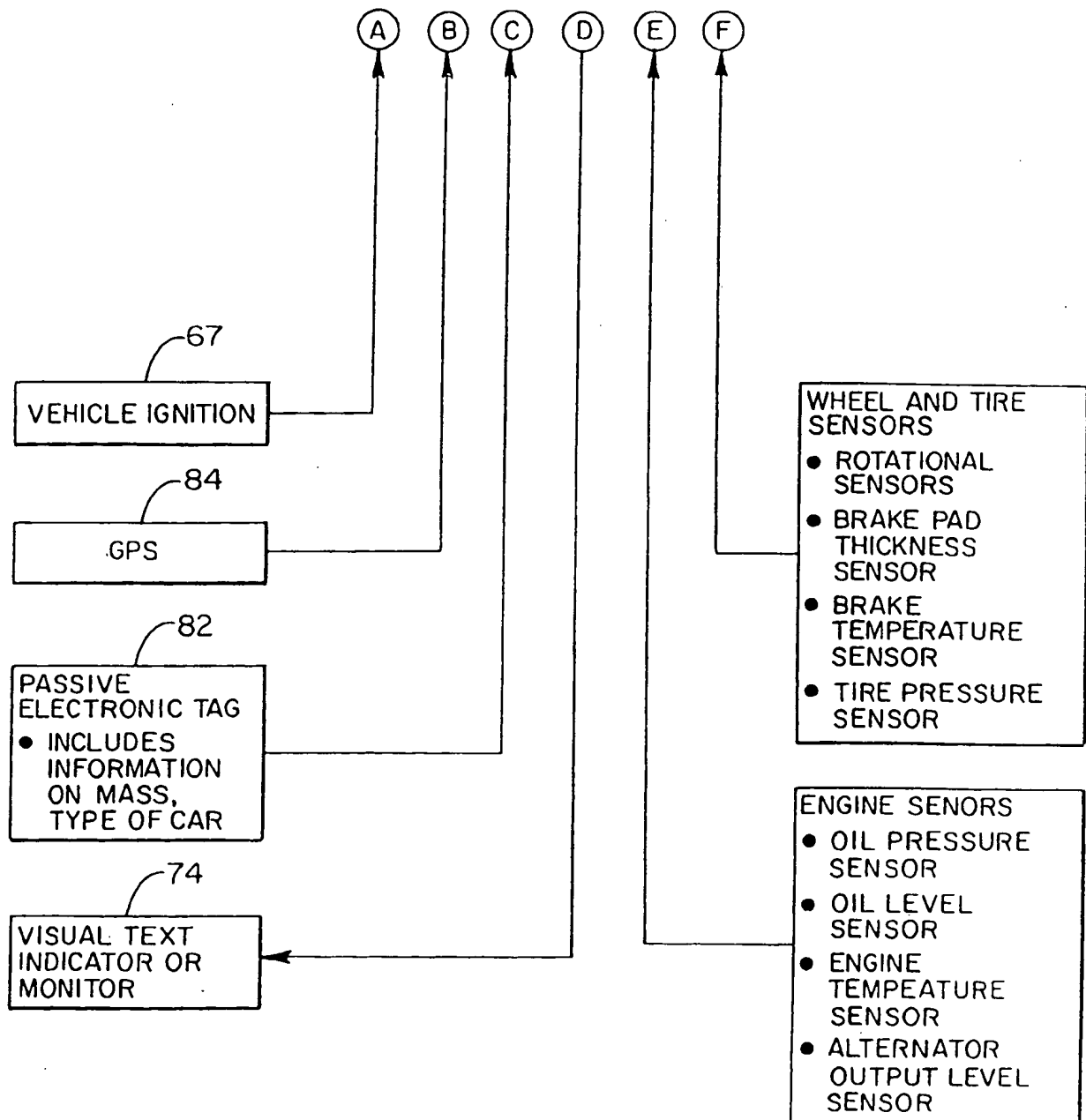


Fig.-4

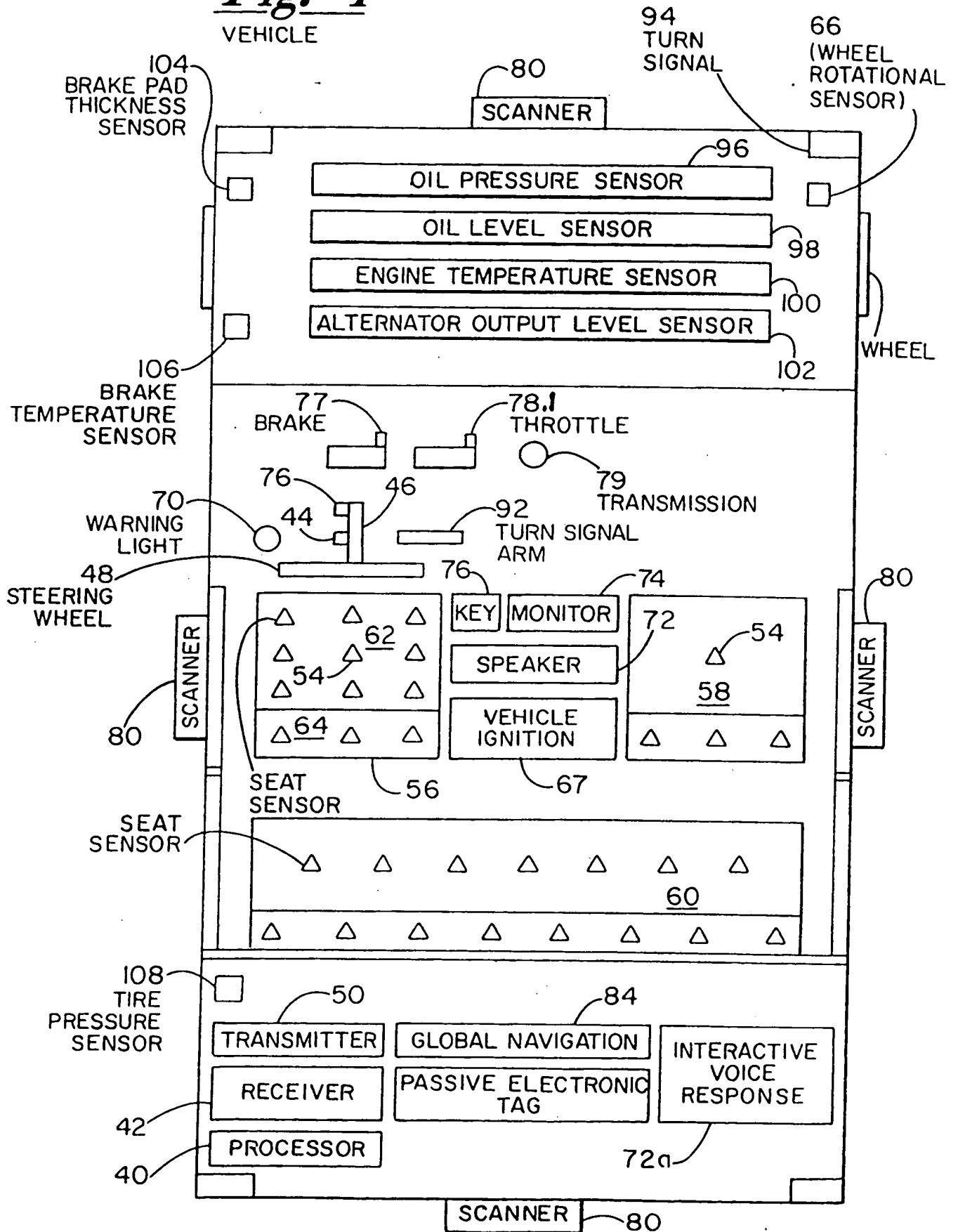


Fig.-5A

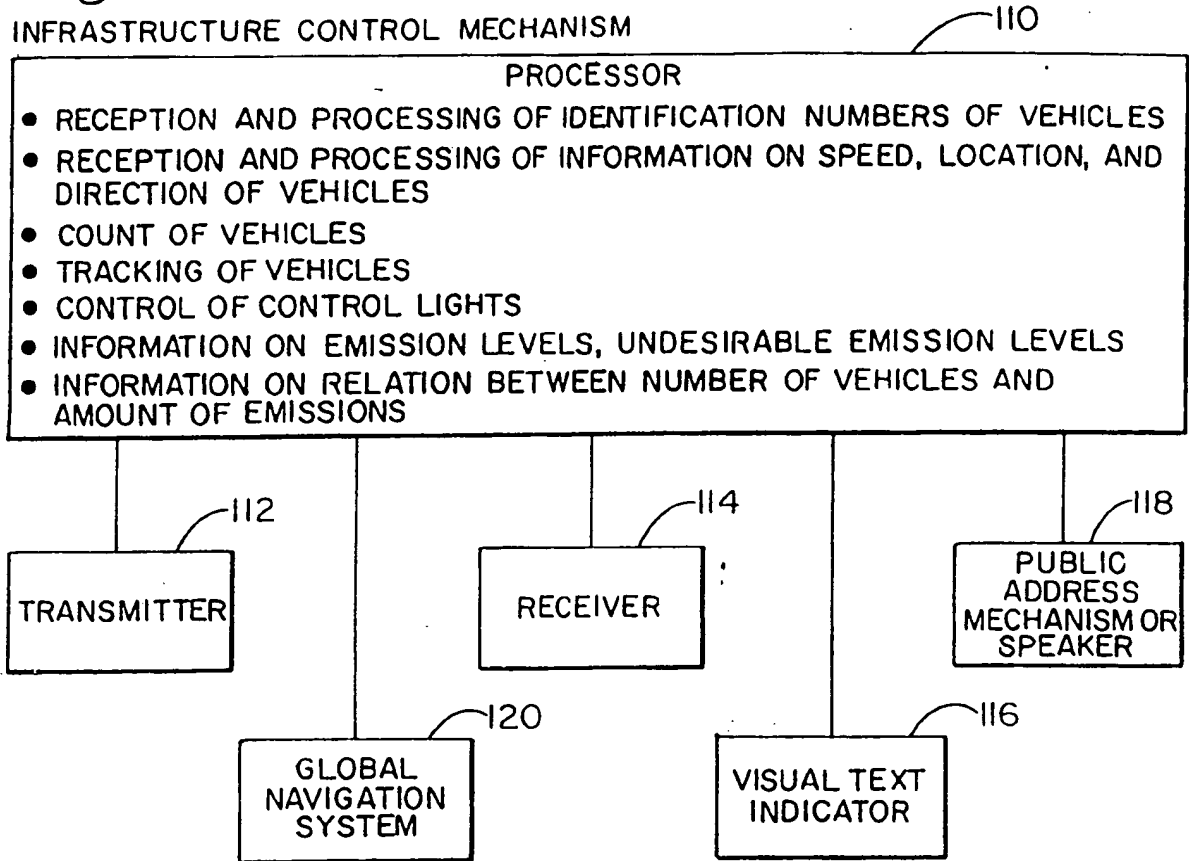


Fig.-5B

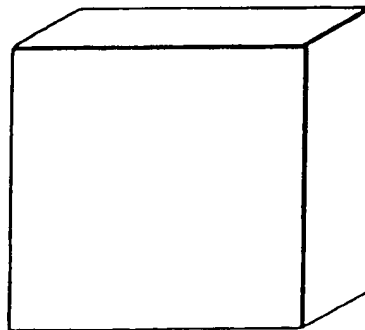


Fig.-6A

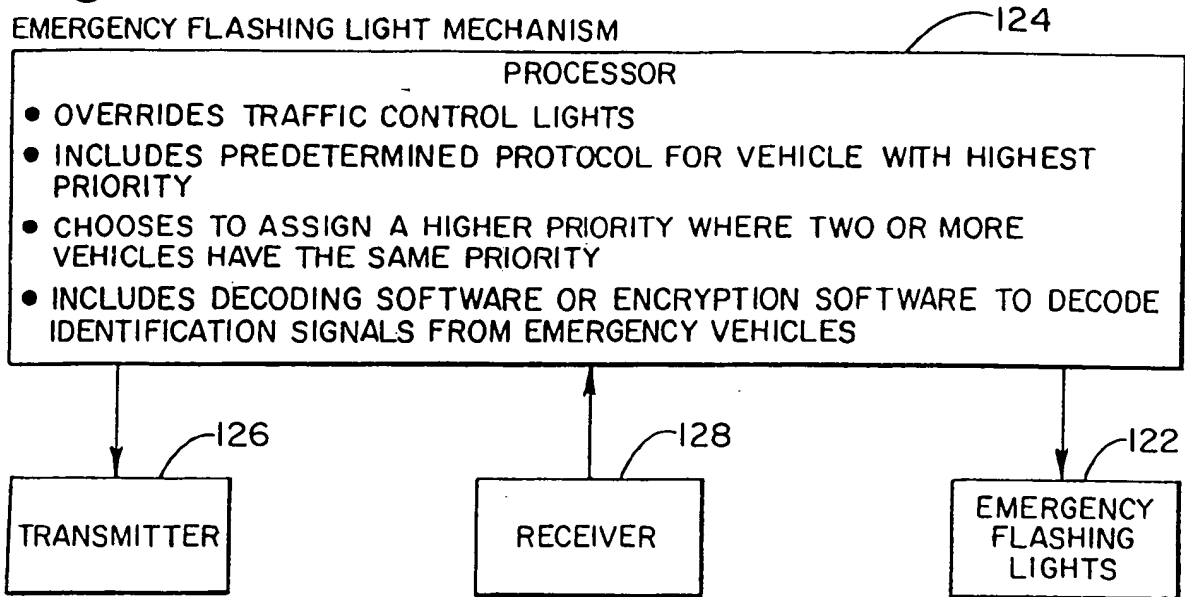


Fig.-6B

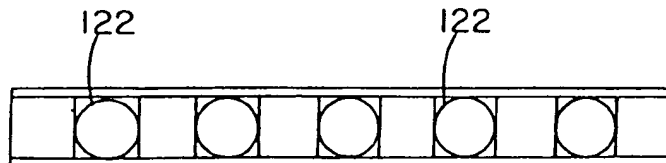


Fig.-7A

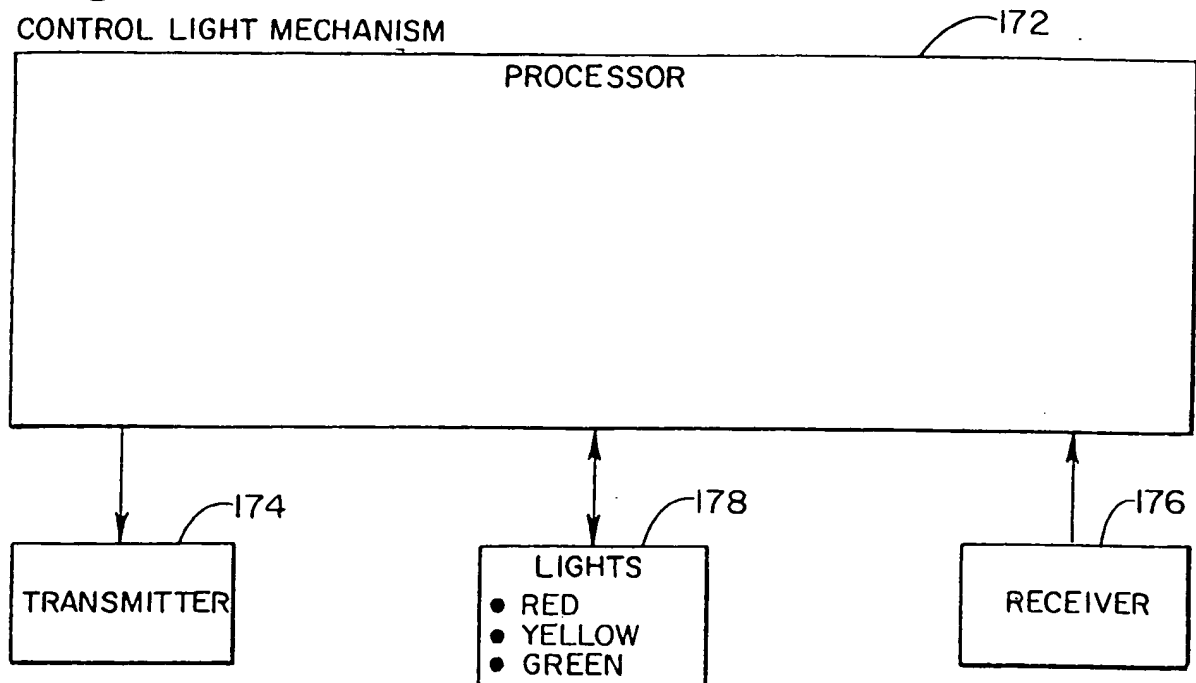


Fig.-7B

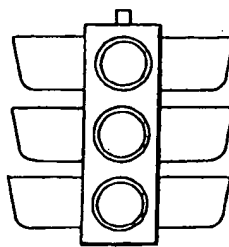


Fig.-8A

VIDEO/AUDIO SURVEILLANCE AND ALARM EQUIPMENT

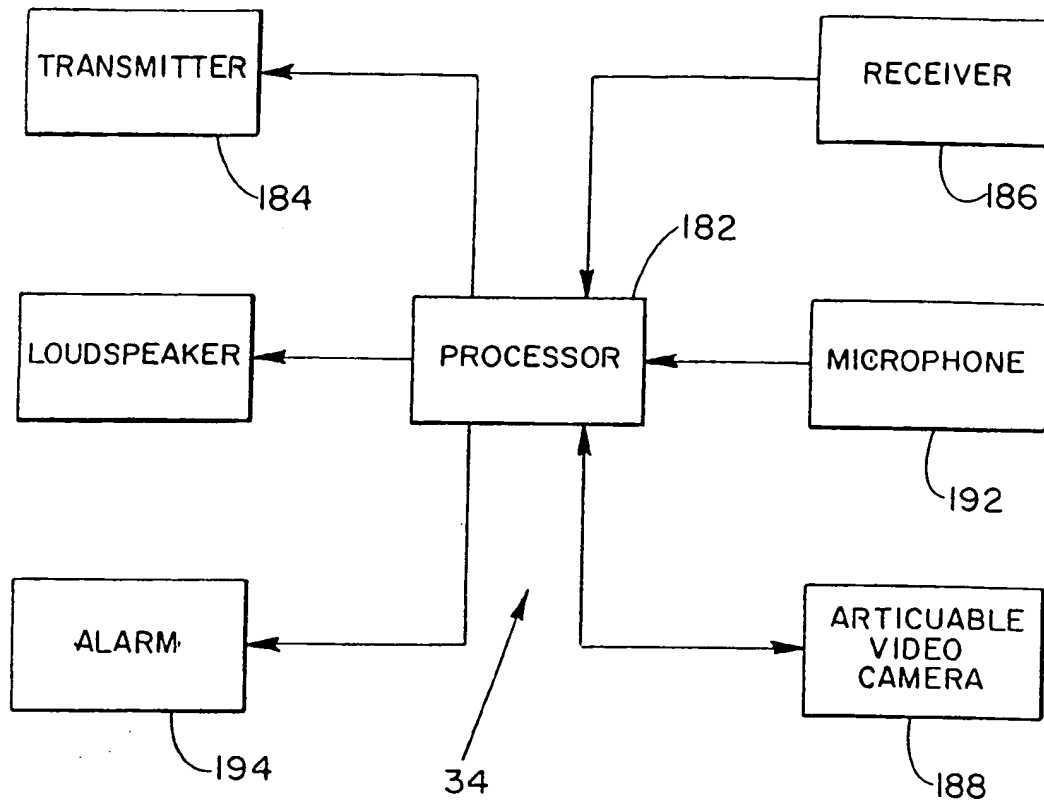


Fig.-8B

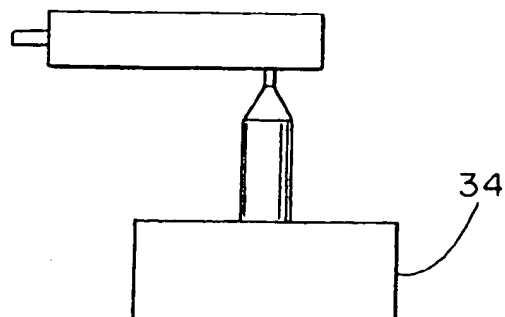


Fig.-9A

EMISSION SENSOR MECHANISM

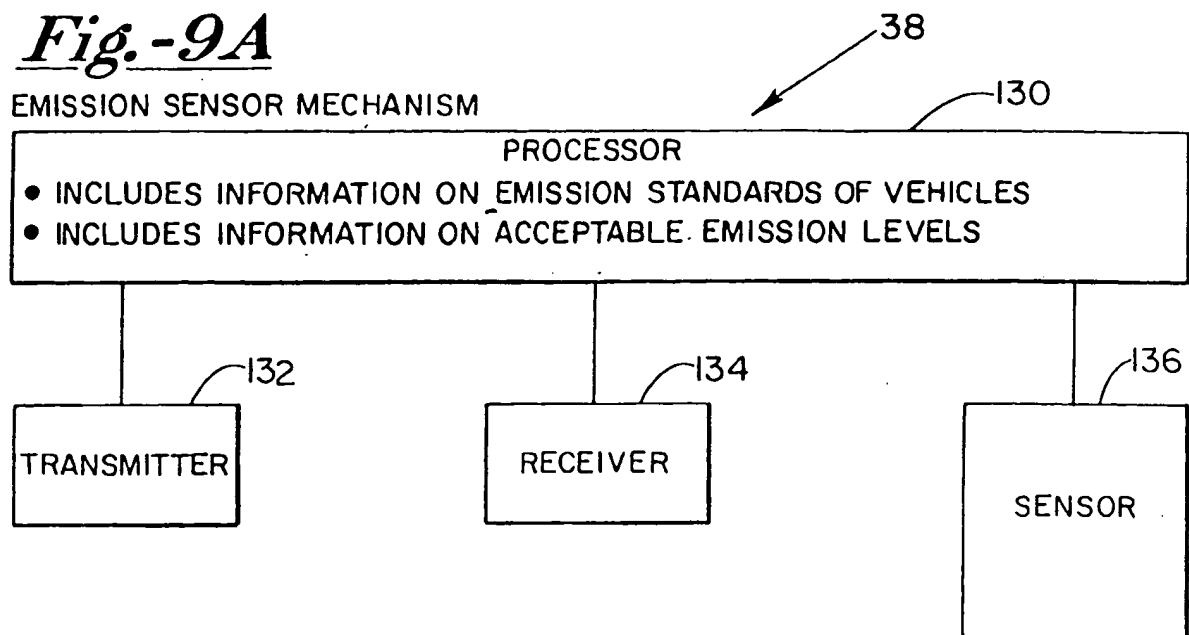


Fig.-9B

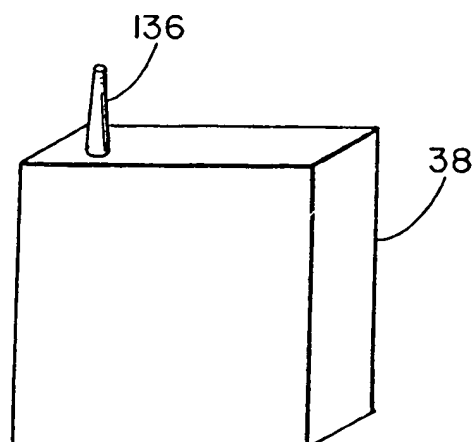


Fig.-10A

ELECTRONIC TAG MECHANISM

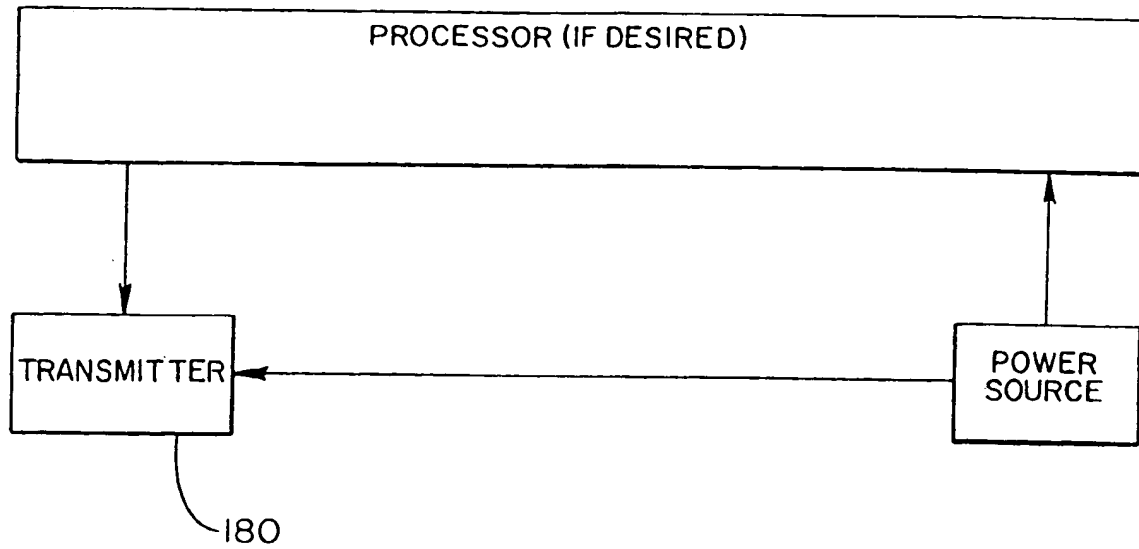


Fig.-10B

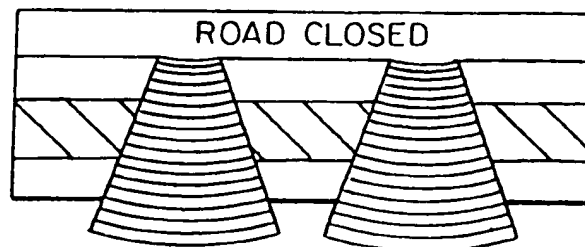


Fig.-11A

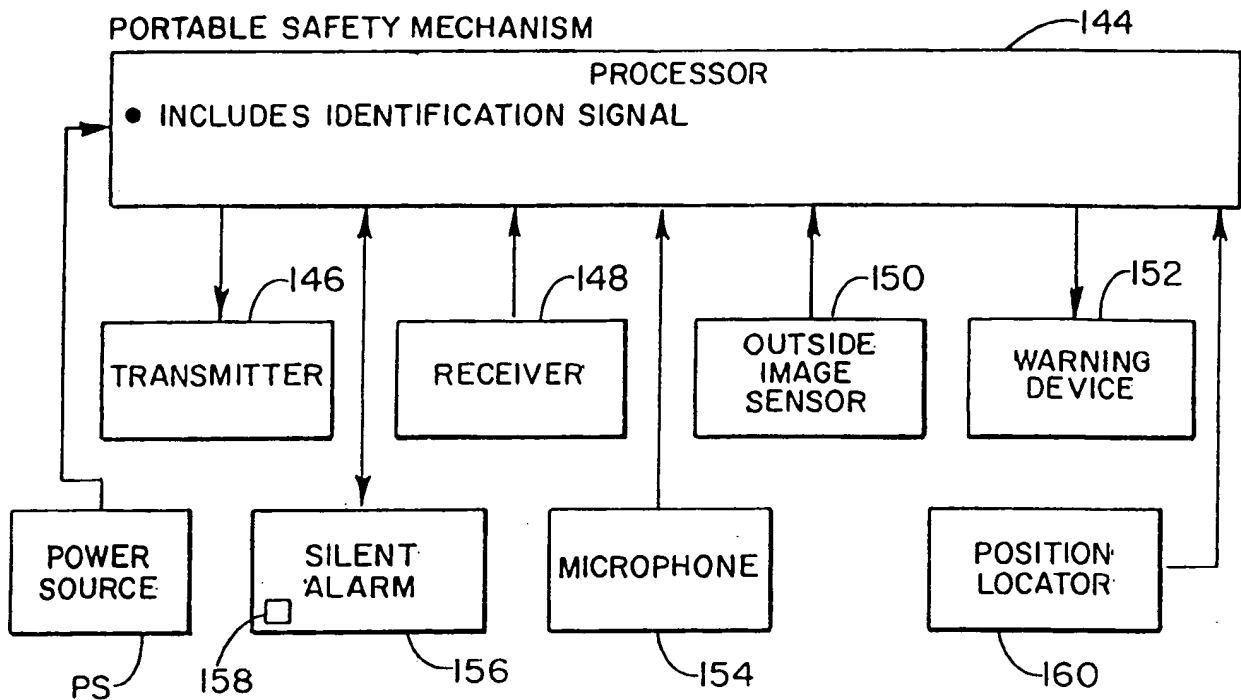


Fig.-11B

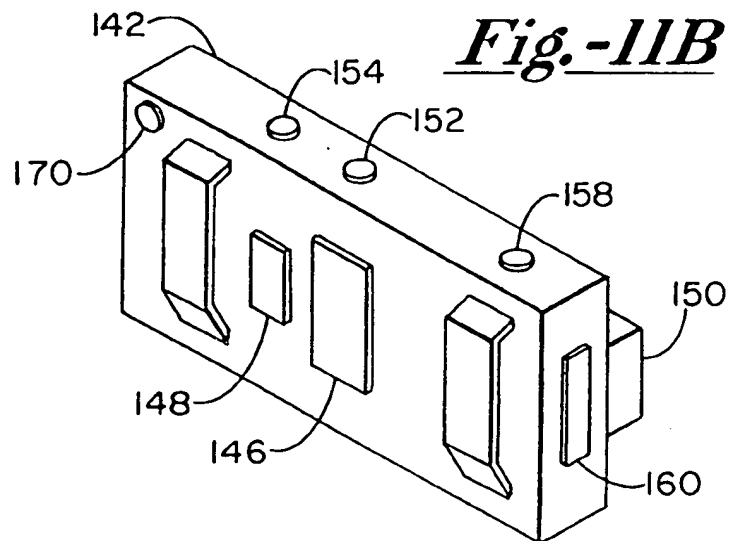


Fig.-12B

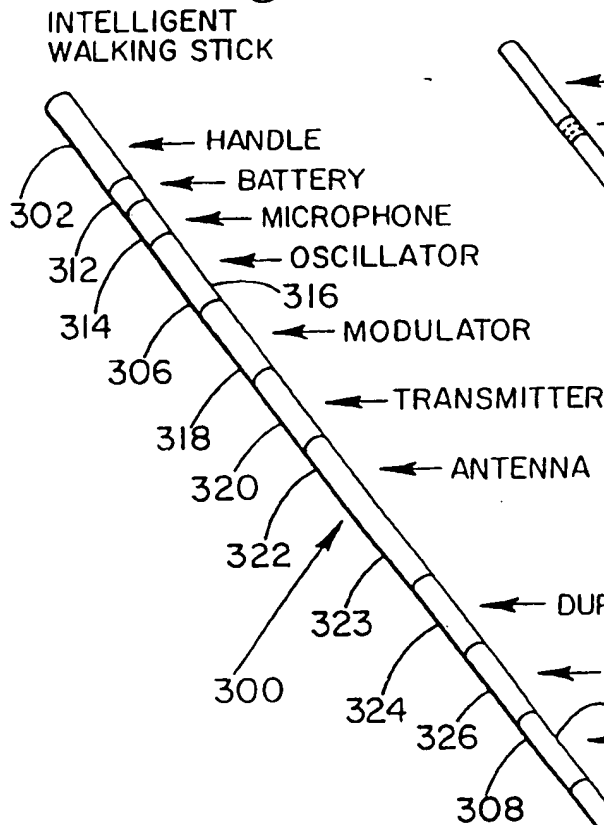


Fig.-12C

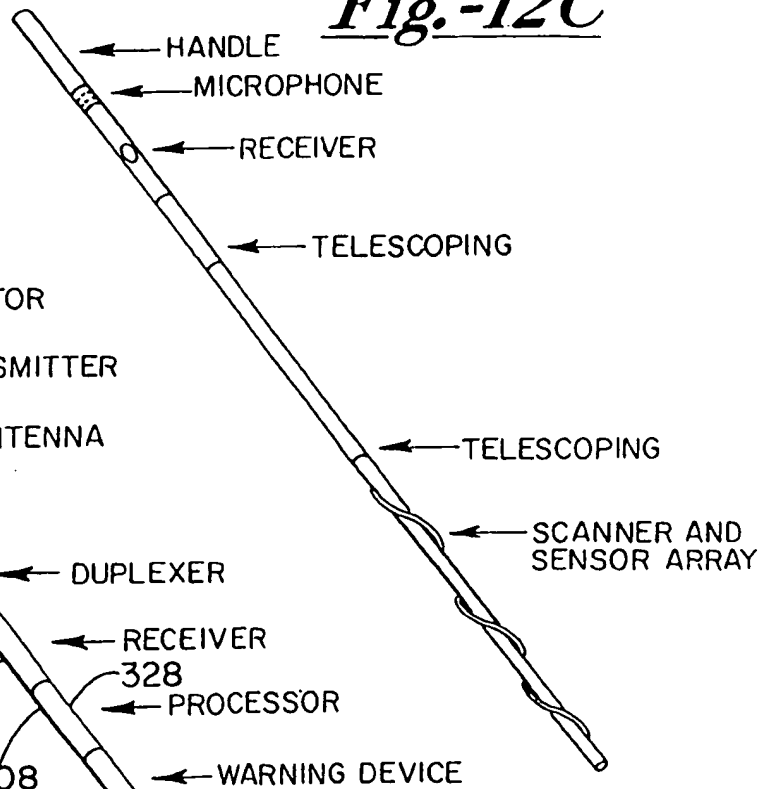


Fig.-12A

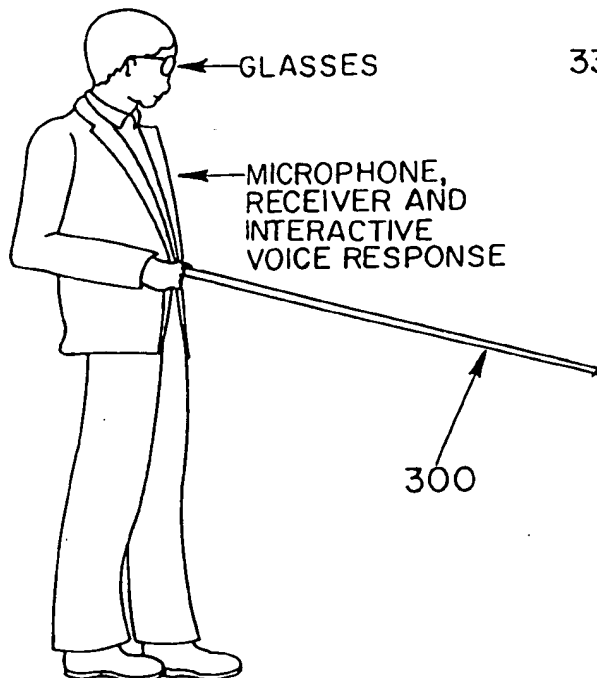


Fig.-13

COMMUNICATIONS

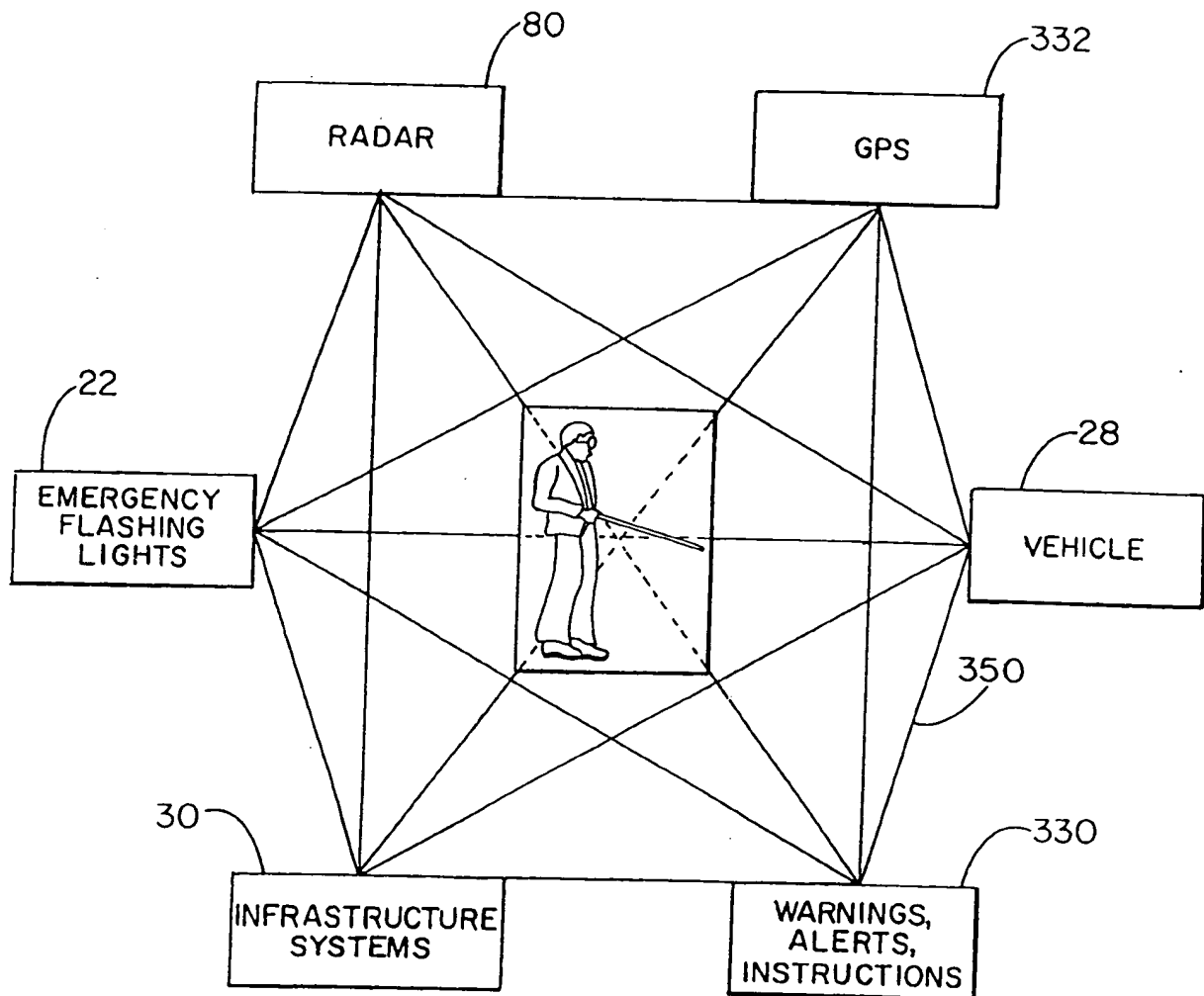


Fig.-14A

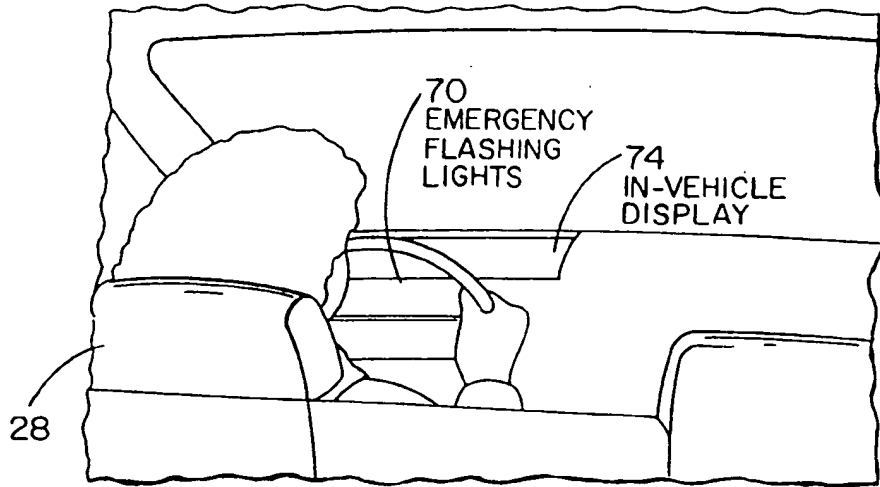


Fig.-14B

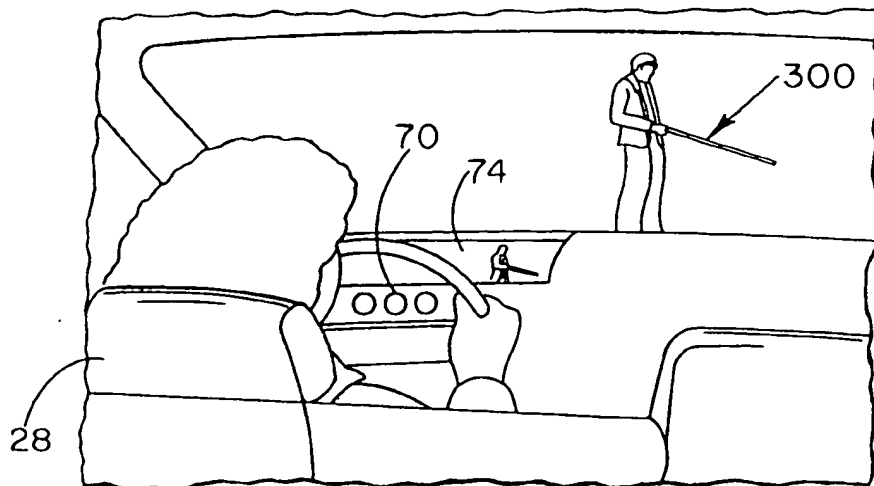


Fig.-15A

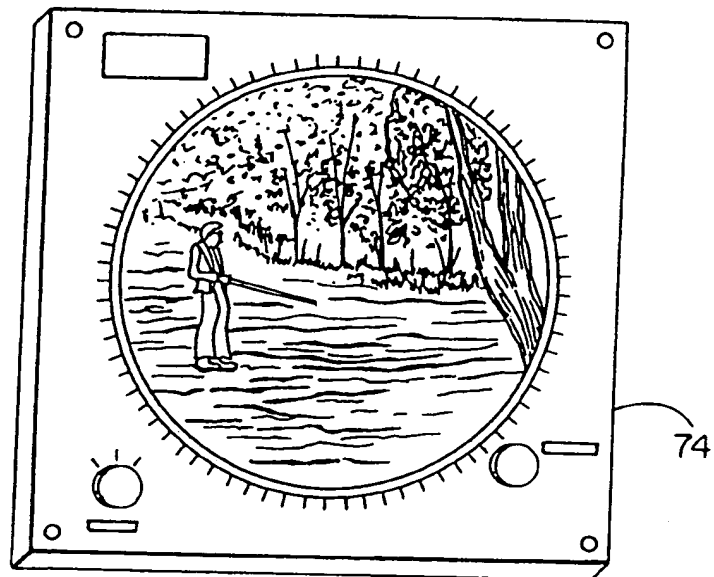


Fig.-15B

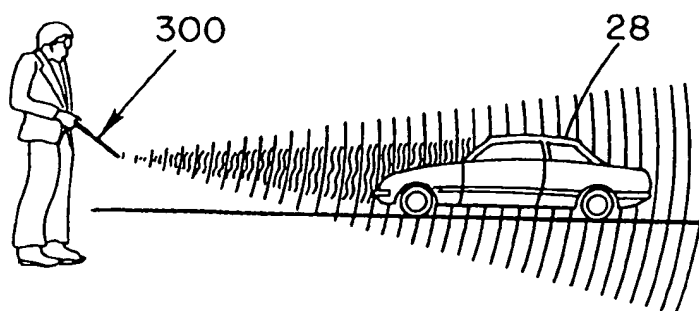


Fig.-16A

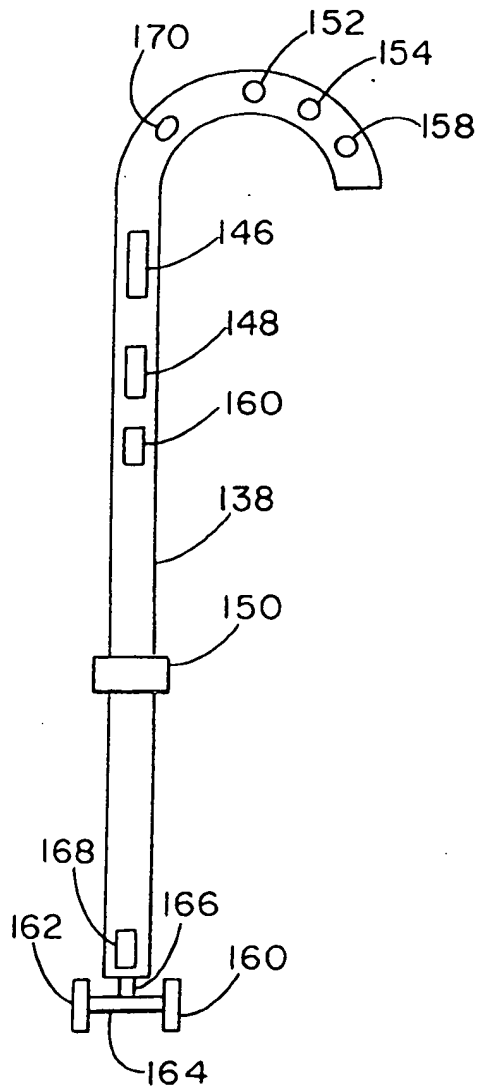


Fig.-16B

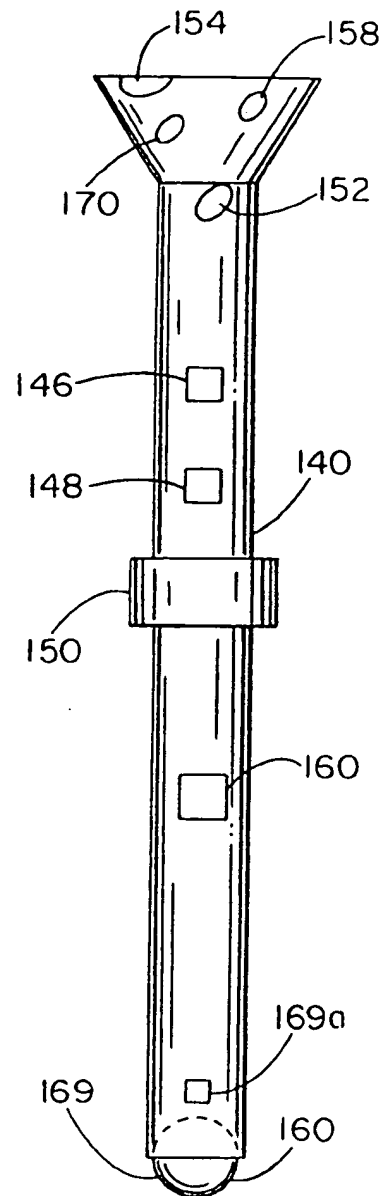


Fig.-17A
ANTISKID SYSTEM

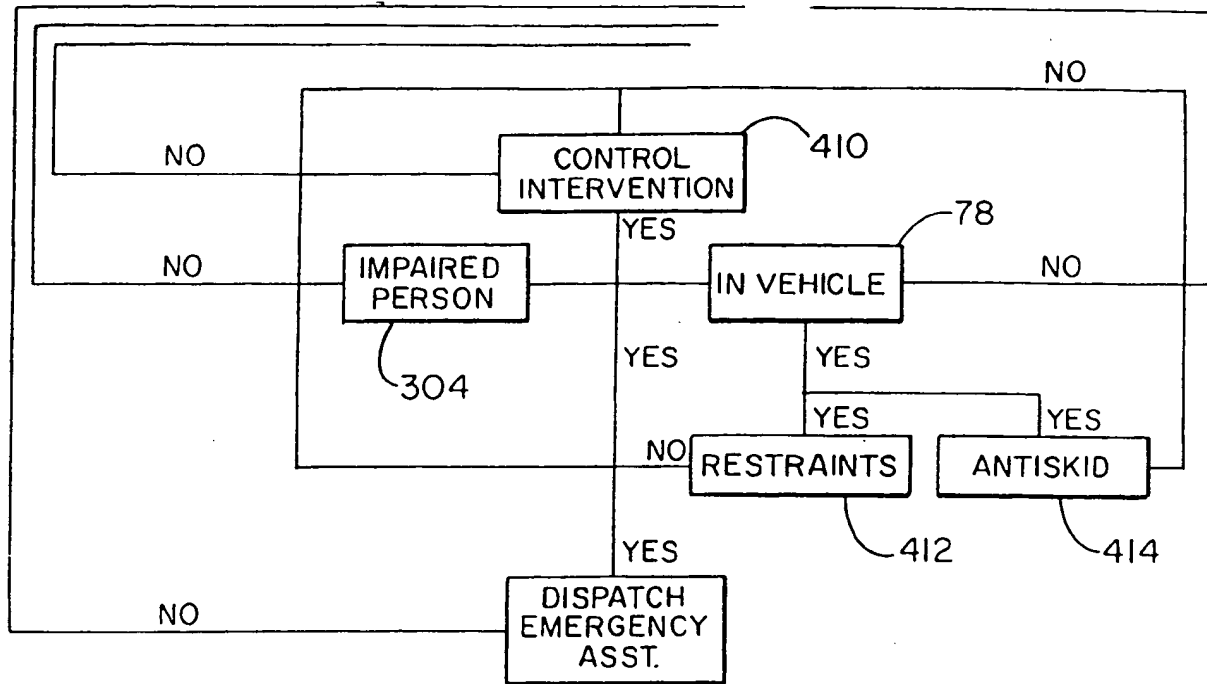


Fig.-17B

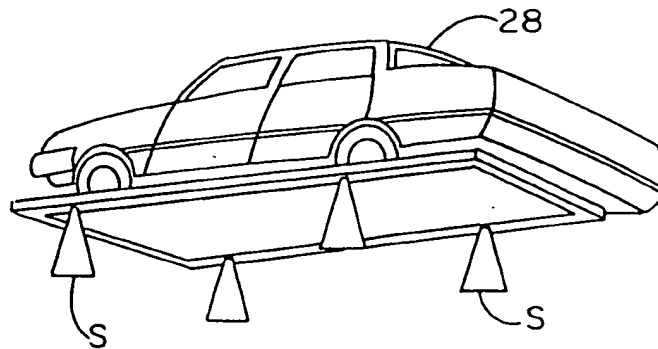
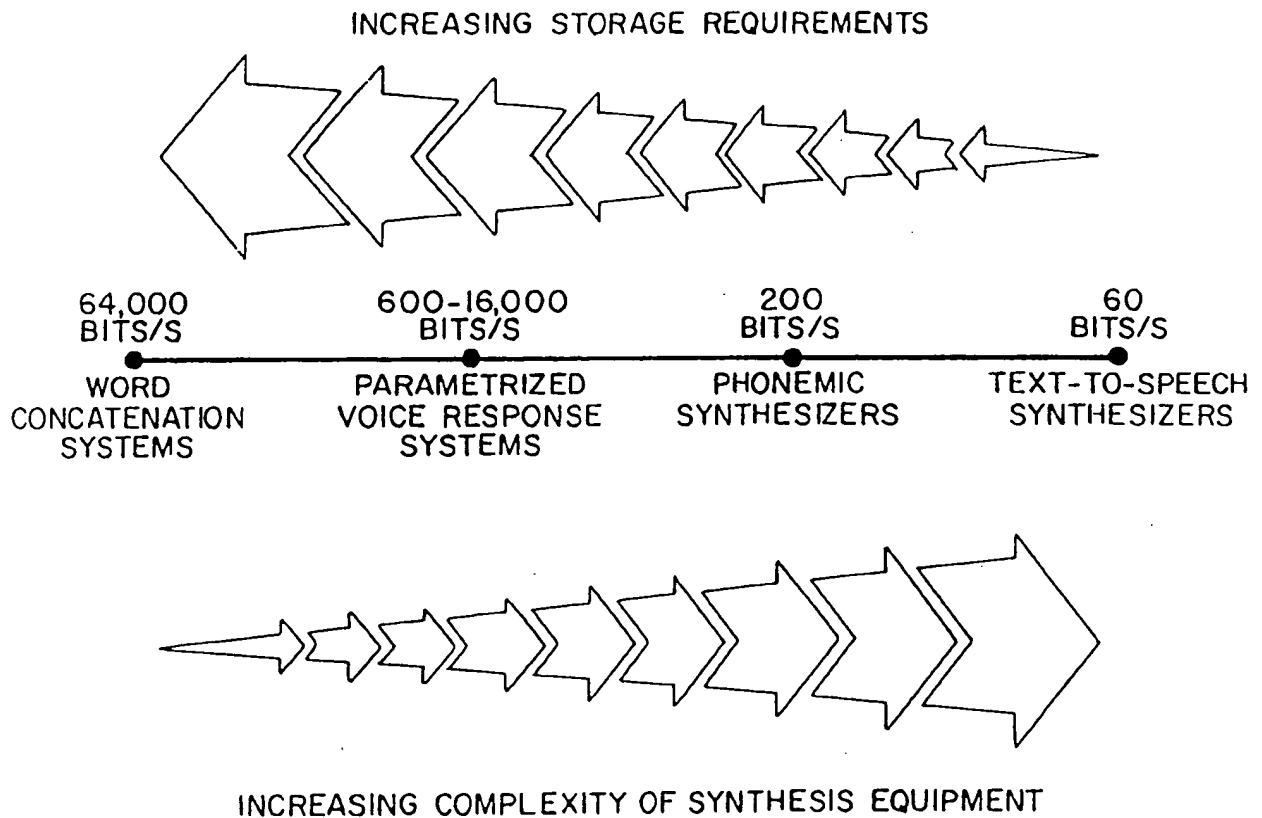


Fig.-18 (PRIOR ART)

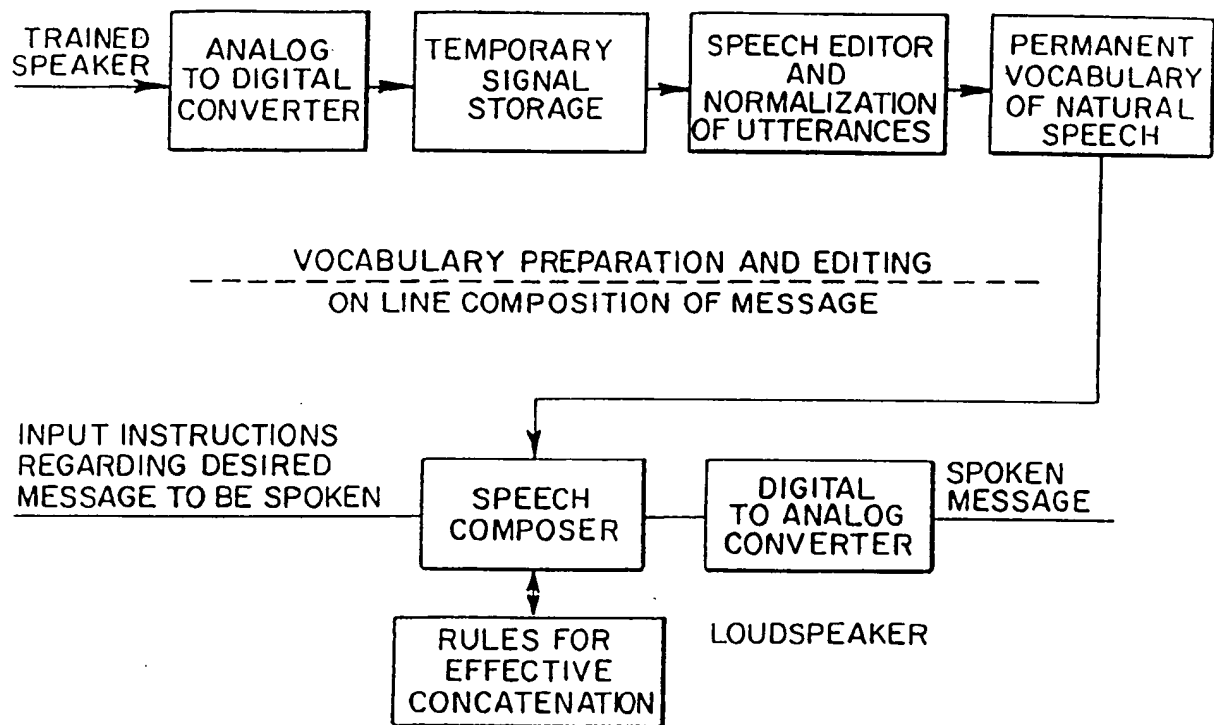
INTERACTIVE VOICE RESPONSE



SPECTRUM OF ALTERNATIVE TYPES OF
VOICE RESPONSE SYSTEMS.

Fig.-19A (PRIOR ART)

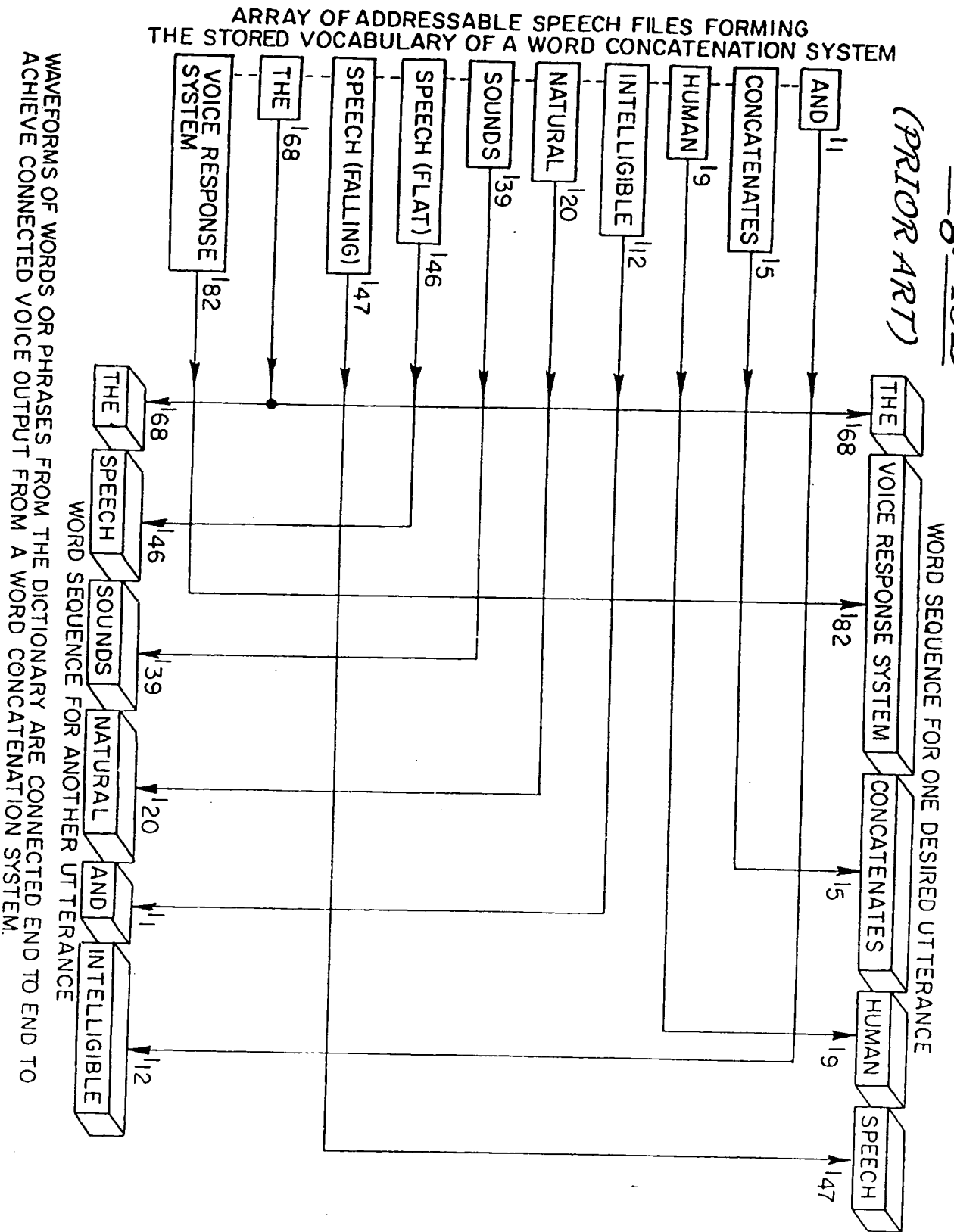
INTERACTIVE VOICE RESPONSE



VOICE RESPONSE SYSTEM WHICH IS BASED UPON CONCATENATION OF WORDS SPOKEN BY A HUMAN.

Fig. -19B

(PRIOR ART)



(PRIOR ART)

Fig. -20A

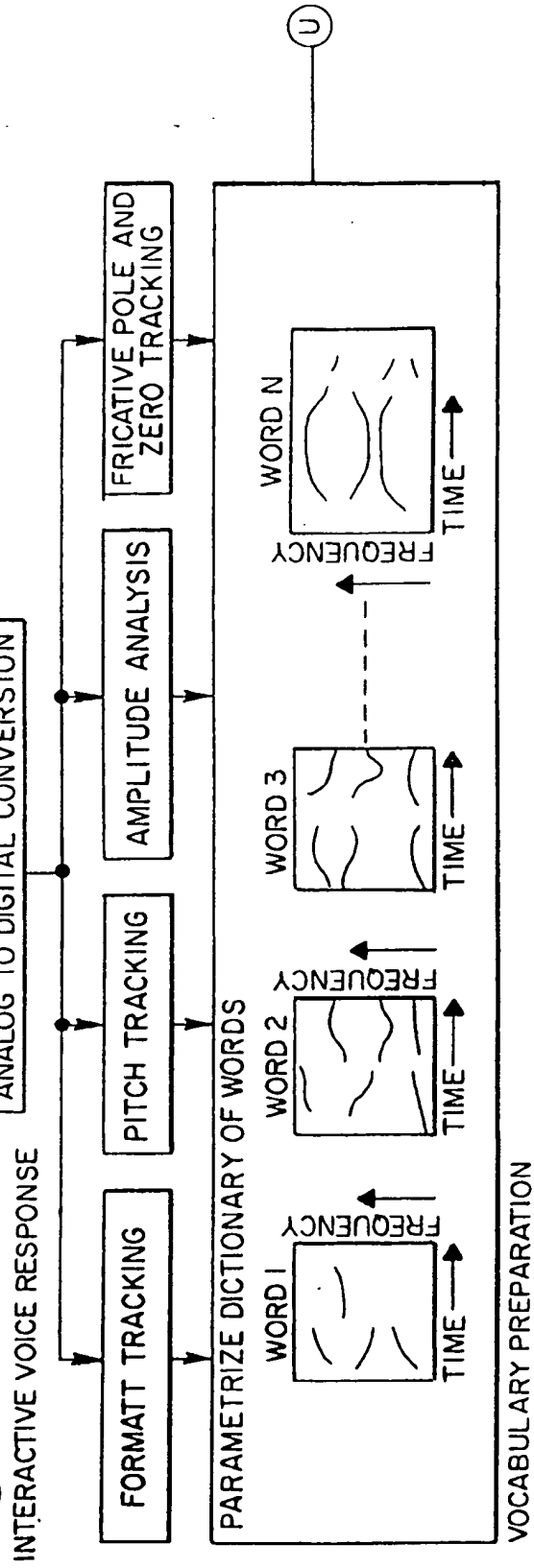


Fig.-20B (PRIOR ART)

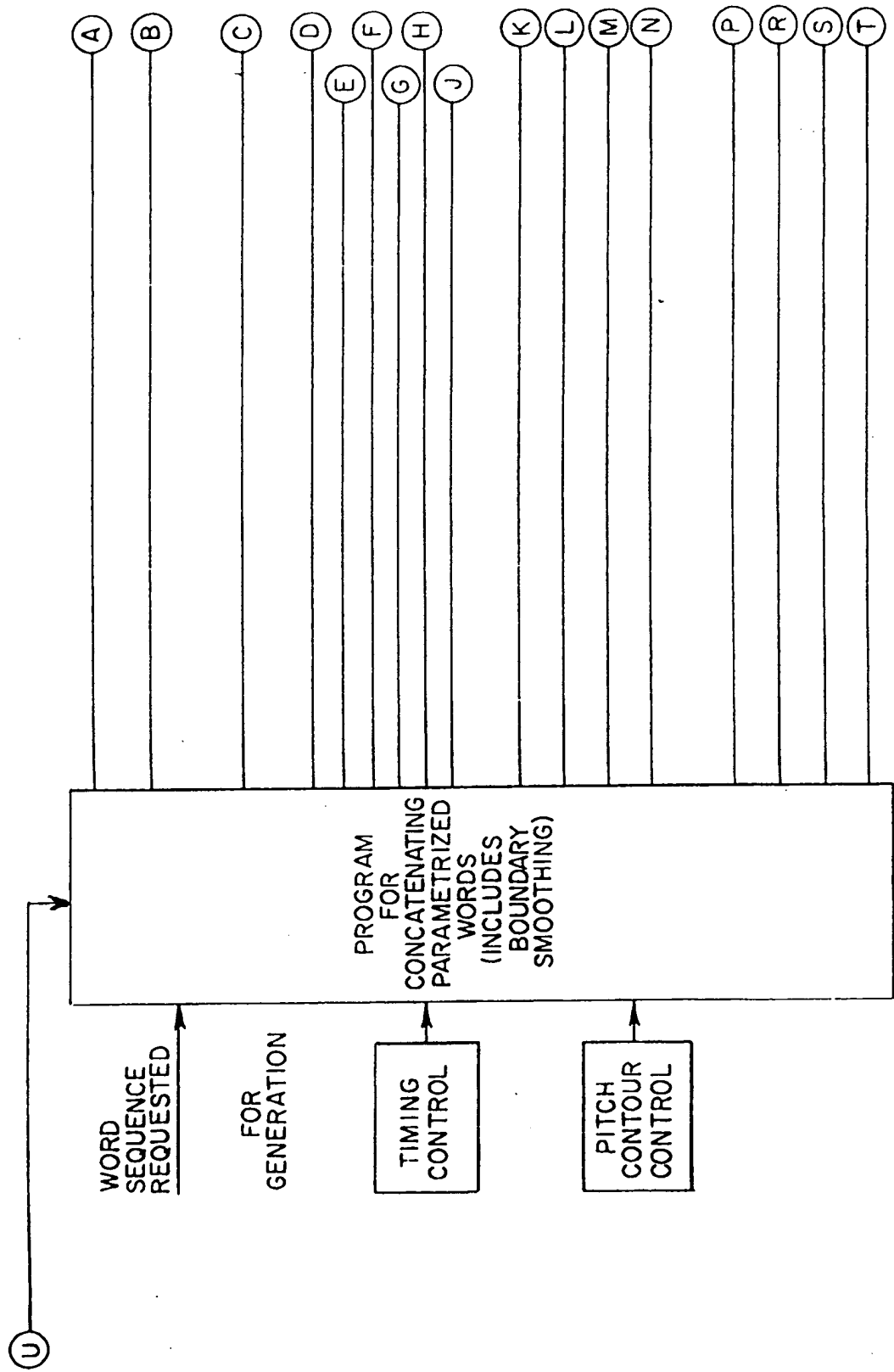


Fig.-20C (PRIOR ART)

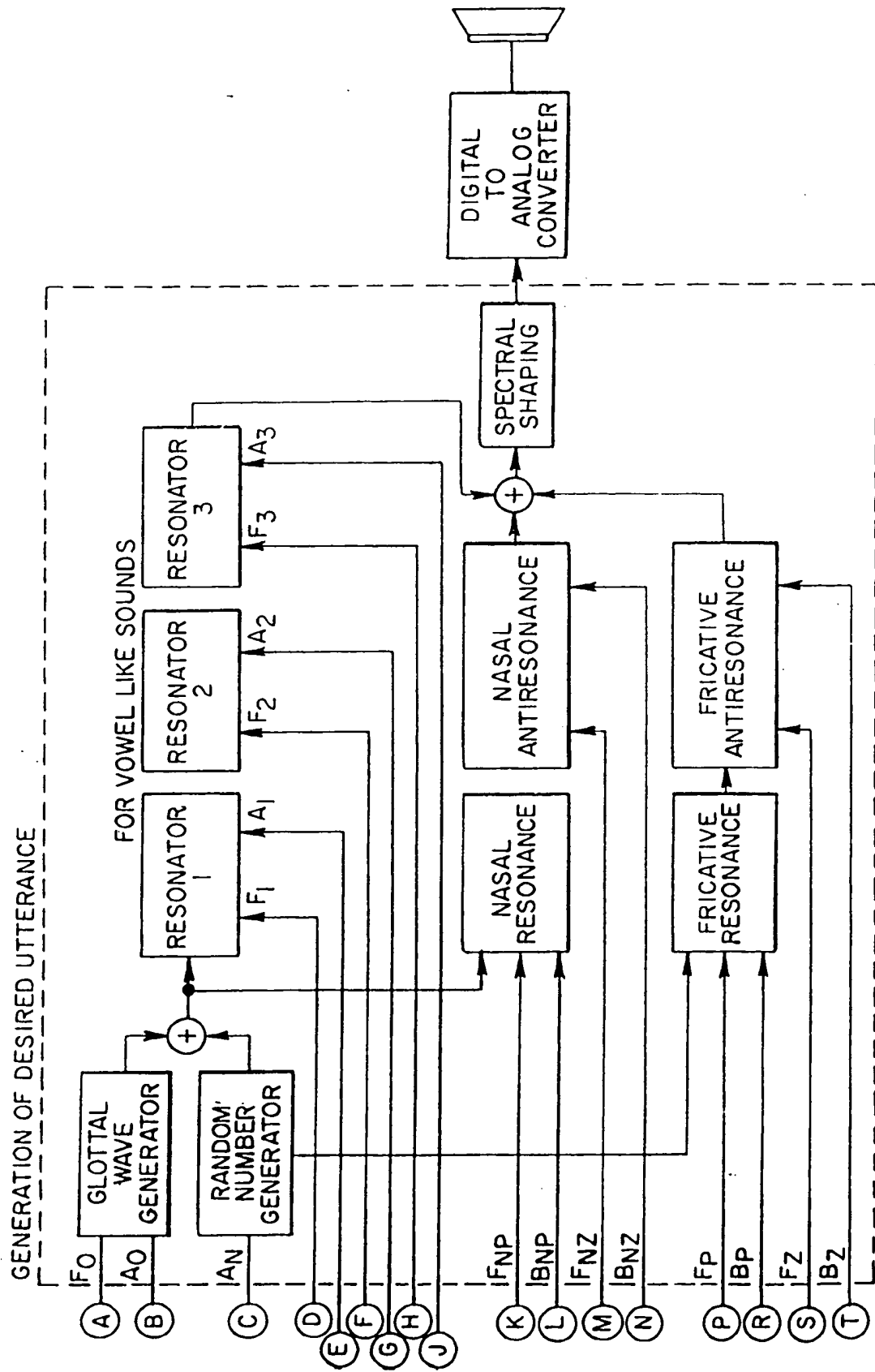
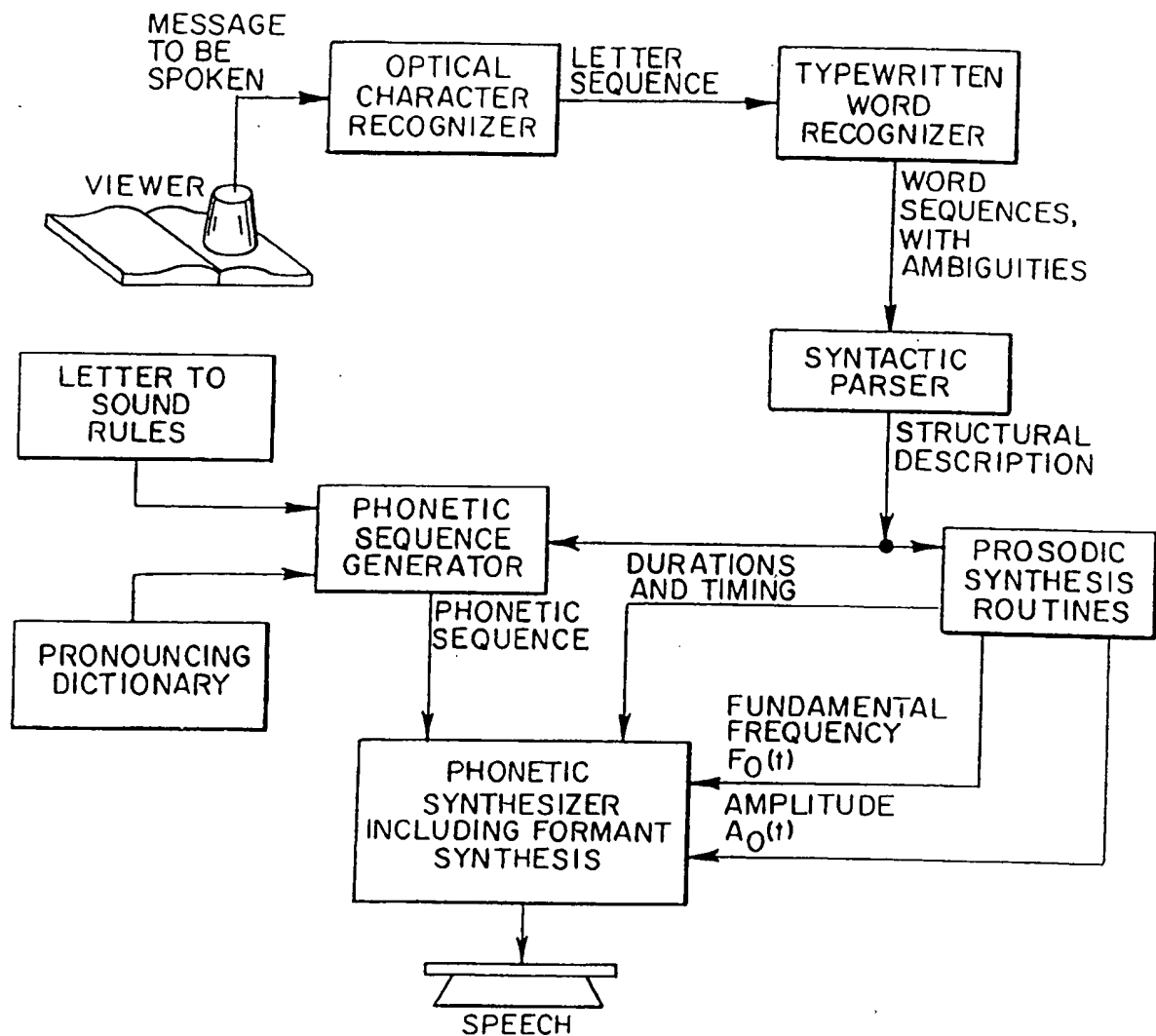


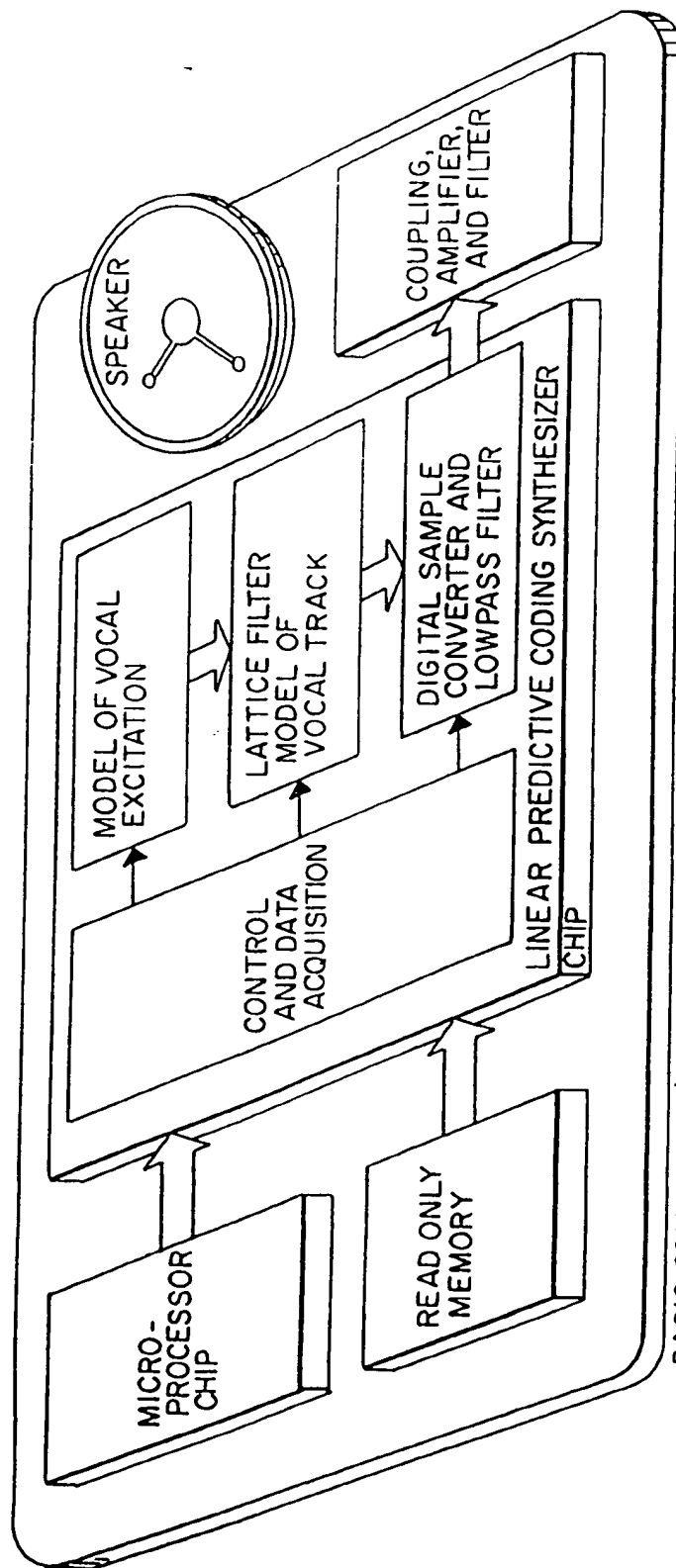
Fig. - 21A (PRIOR ART)

INTERACTIVE VOICE RESPONSE



TEXT TO SPEECH SYSTEM FOR GENERATING COMPLEX SENTENCES WITH LARGE VOCABULARIES

Fig.-21B (PRIOR ART)



BASIC COMPONENTS OF A SINGLE CIRCUIT BOARD SPEECH SYNTHESIZER, BASED ON THE LINEAR PREDICTIVE CODING (LPC) METHOD FOR MODELING HUMAN VOCAL PRODUCTION PROCESSES.

Fig.-22

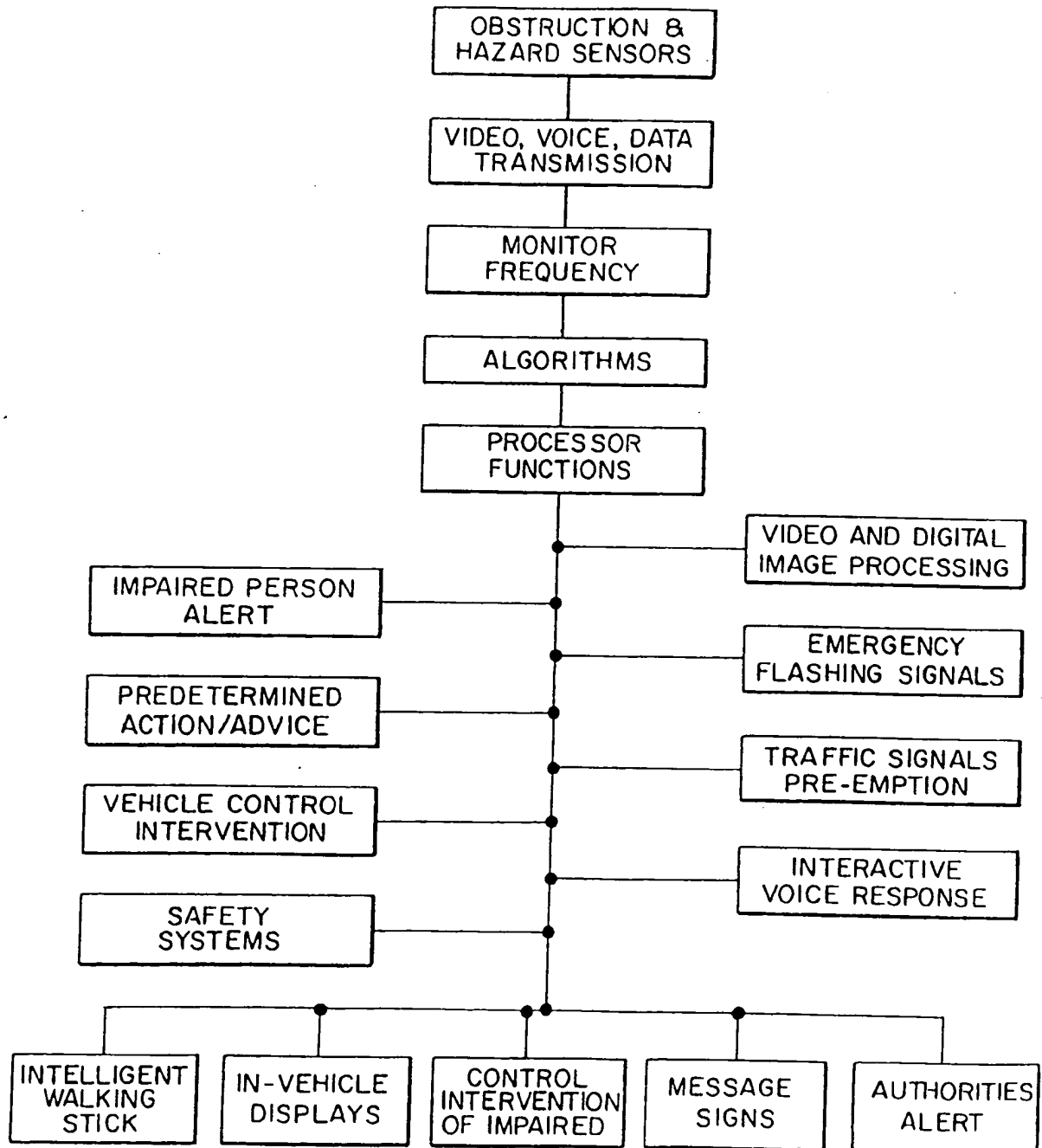


Fig.-23

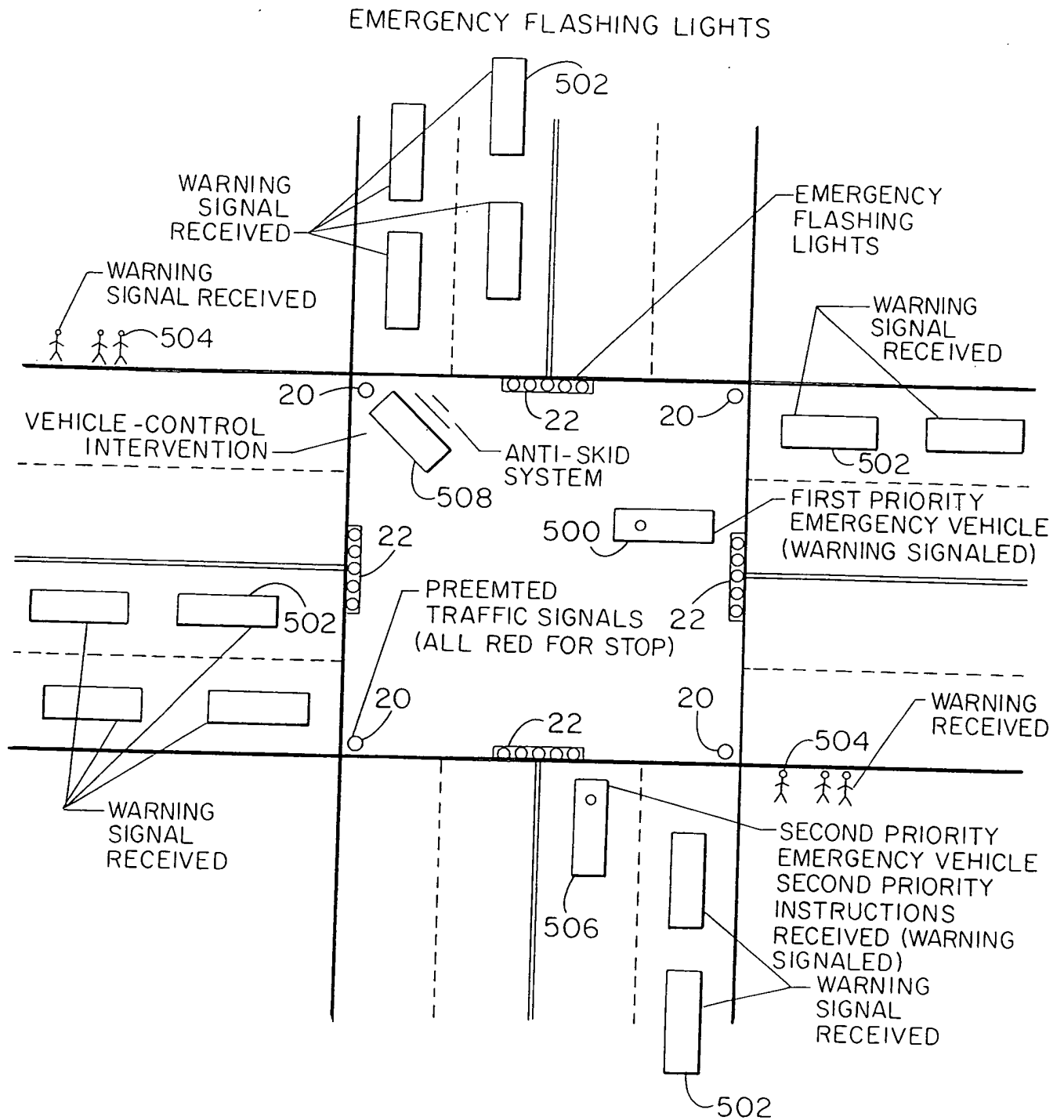


Fig. -24

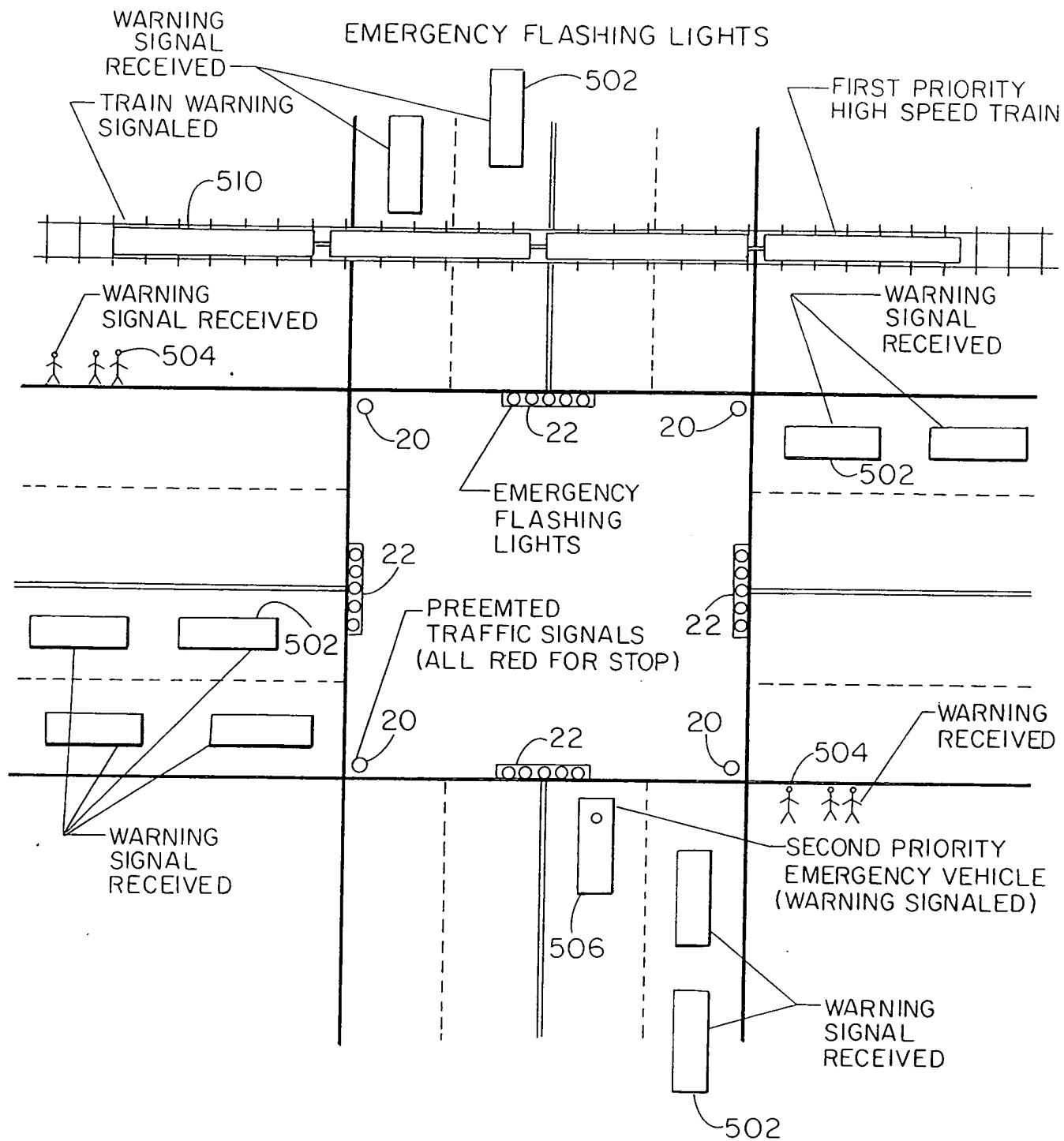


Fig. 25

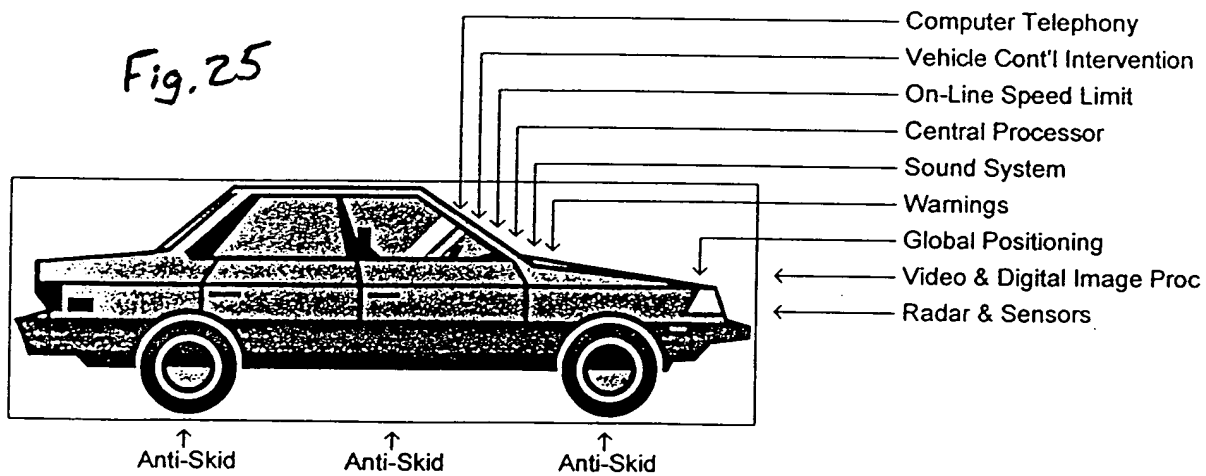
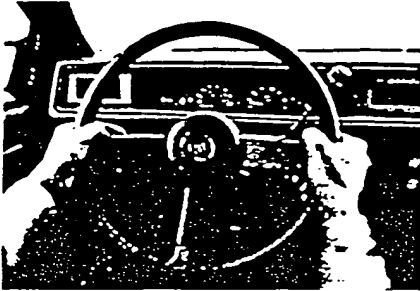
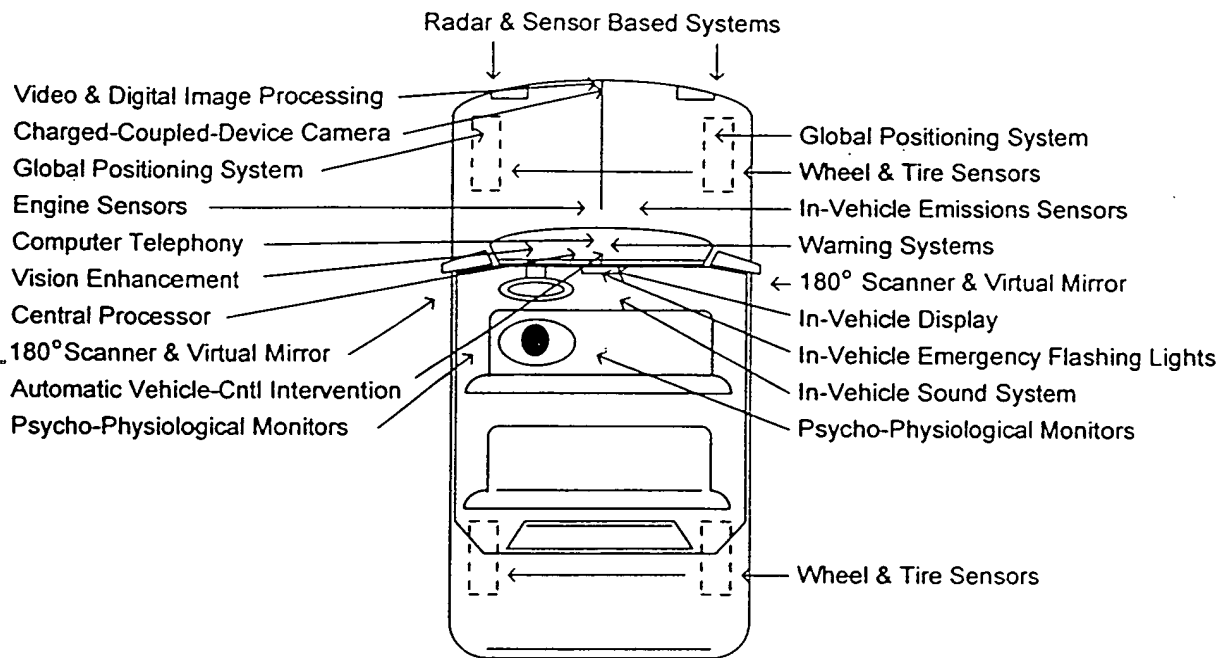


Fig. 26

INTELLIGENT VEHICLE — SAFETY READINESS



← Steering Monitor
← Lane Change Monitor



Braking Monitor →
Throttle Monitor →

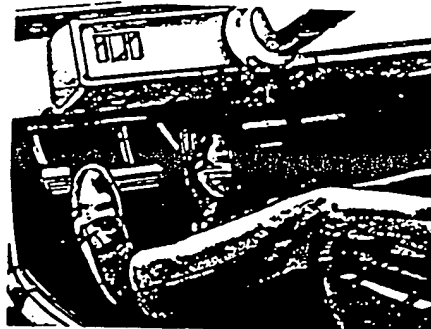


Fig. 27

INTELLIGENT VEHICLE

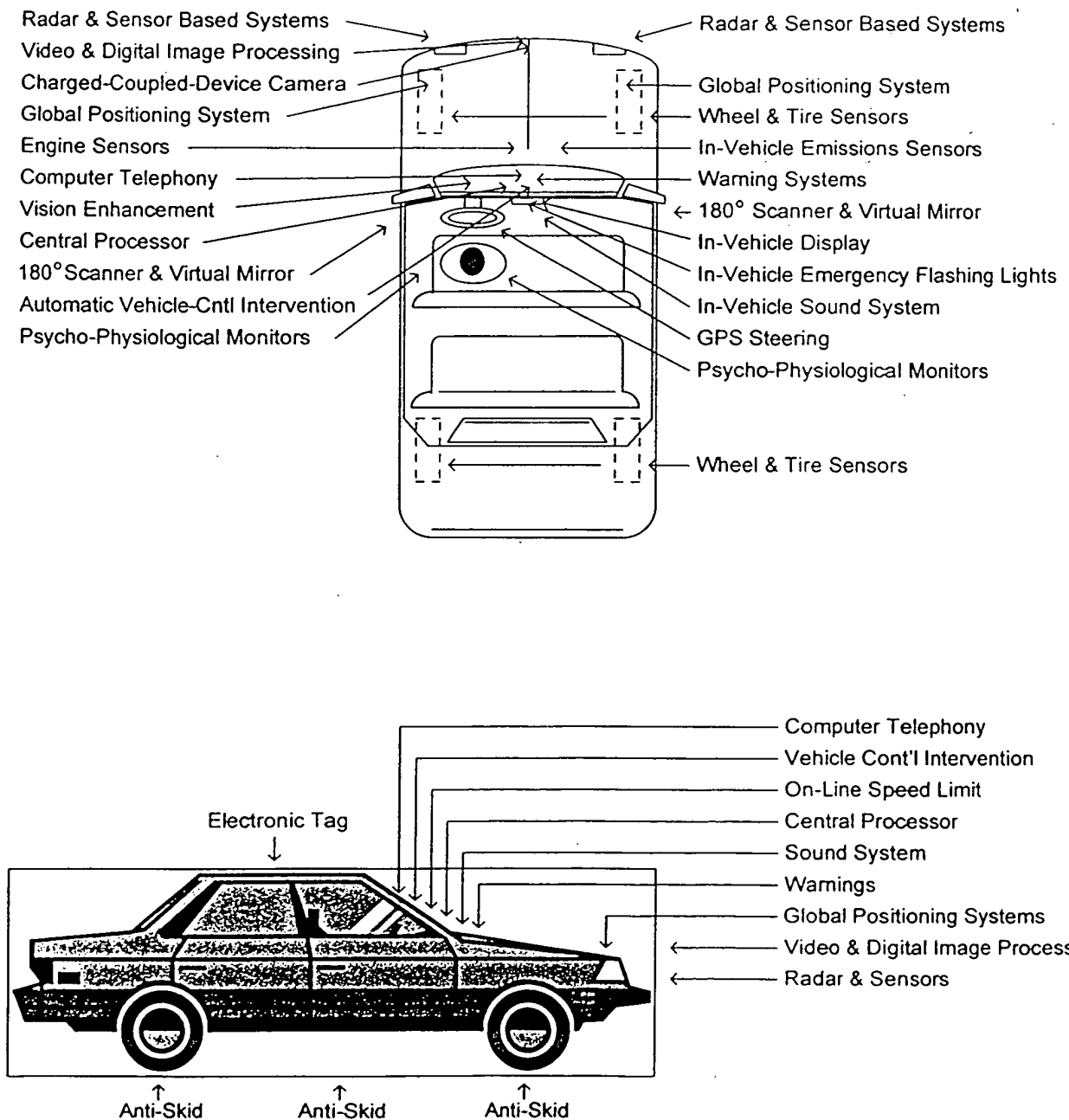


Fig. 28

OPEN ROAD SAFETY

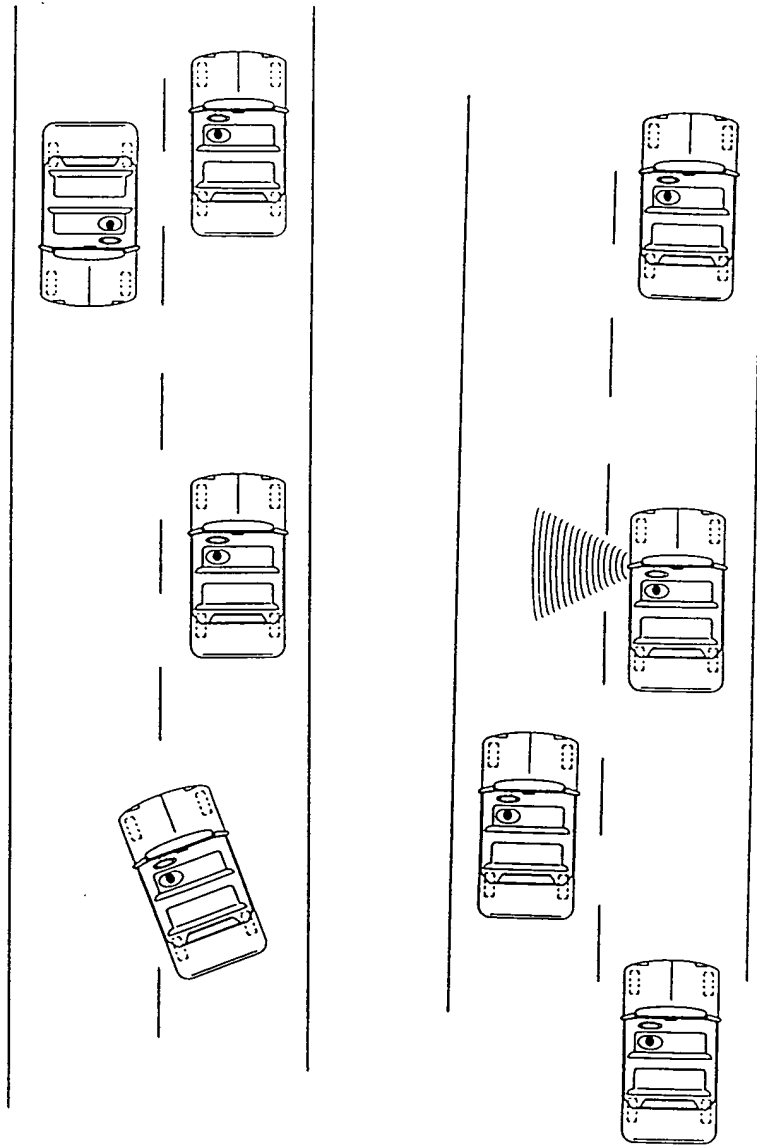


Fig. 29

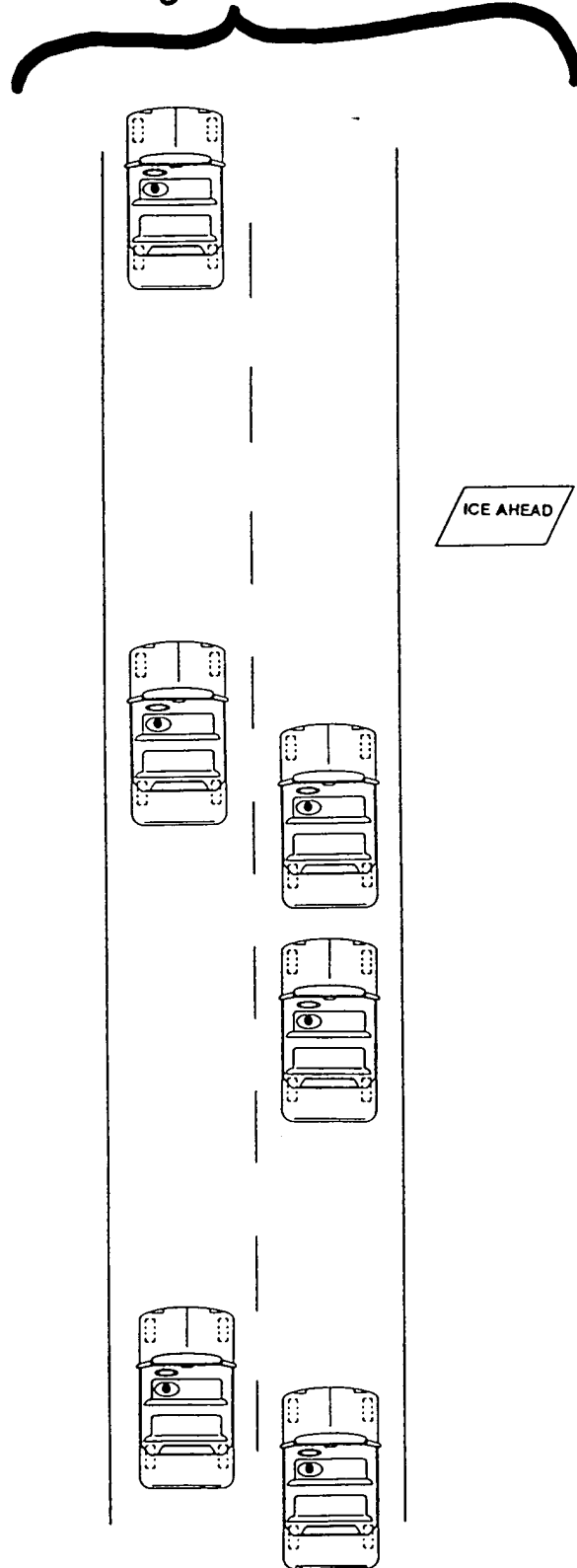


Fig. 30

